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COUNTERPOINT

SIMPLIFIED

FRANCIS L. YORK





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A TEXT-BOOK IN SIMPLE
STRICT COUNTERPOINT

COUNTERPOINT SIMPLIFIED

BY

FRANCIS L. YORK, M. A.

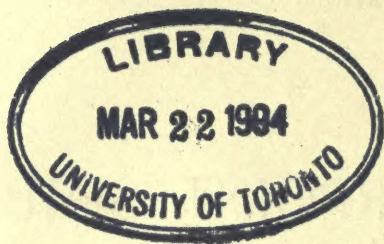


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TO
MR. CALVIN BRAINERD CADY,
OF BOSTON, MASS.

THIS LITTLE BOOK IS
AFFECTIONATELY INSCRIBED

PREFACE.

THE author of the present little treatise does not lay claim to the discovery of any new principles in Counterpoint. In the nature of the case there can be none. All he hopes to have done is to have put the old well-known principles of Strict Counterpoint in as convenient and as concise a form as possible.

All reference to the C-clef has been intentionally omitted; while not denying the value of its use nor unduly exaggerating the difficulty of learning it, the author is convinced that more students will secure a general knowledge of Counterpoint and that those who commence its study will go farther without the use of the C-clef than with it. The present treatise is intended for the average student of music who feels that he ought to know in a practical way what is meant by Counterpoint, and be able to think music along the lines of voice progression rather than harmonic progression, and at least partially to understand the principles of composition that underlie the works of the great masters of polyphonic writing. For such students detail is worse than useless.

The author is well aware that many of the progressions forbidden in the chapters on Strict Counterpoint are allowable under certain circumstances. The line of demarkation between Strict Counterpoint and Free or Modern Counterpoint is not well defined. In speaking of Strict Counterpoint it has been thought best in case of doubt to lean rather toward the strictest usage than to allow so-called licenses to creep in. Such licenses, however good in themselves, belong rather to Composers' Counterpoint, and if mentioned in a school text-book, tend to confuse the mind of the student.

The examples are all taken from standard authorities and due credit given, except in the case of those that are unmarked. For the latter the author is responsible.

The author's best thanks are due to Prof. Frederic H. Pease of the Michigan State Normal College and to Mr. R. L. Dick of the Detroit Conservatory of Music for their valuable suggestions and criticisms. Among others the following works on Counterpoint have been used as references and due acknowledgment is hereby made.

"Counterpoint," by Fétis, Cherubini, MacFarren, Haupt, Richter, Prout, Bridge, Pearce. Saunders' Examples in Strict Counterpoint: Jadassohn, Ouseley, and Gladstone.

It is hoped that the two chapters on Free Counterpoint will give the student an idea of this connecting link between the old style and the new, and influence him to take up the study of composition in a more comprehensive way.

FRANCIS L. YORK.

DETROIT, *July 20, 1907.*

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COUNTERPOINT SIMPLIFIED.

INTRODUCTION.

Counterpoint is the art of so writing two or more melodies that they may be satisfactorily performed at the same time. All weaving together of melodies, from the simplest combination of two simple themes to the most complex polyphony of a Wagner score is Counterpoint. But the study of **Strict Counterpoint** (our present object) resolves itself into **building one or more melodies upon a given melody**. The added melody or melodies may be **above or below** the given melody.

Counterpoint was the earliest form of artistic musical composition. It was the outgrowth of the simplest attempts of two singers to sing together without producing discordant effects. In Counterpoint then, we are primarily concerned with **the movement of voices or parts**, and the student should endeavor from the beginning to accustom himself to follow each part in its movement, to think, so to say, **horizontally**, instead of thinking as in Harmony, **perpendicularly**. It is to be remembered too, that **Counterpoint is primarily a series of consonances**, dissonances being introduced only under careful restrictions.

There are three most important principles to be observed in all writing of Counterpoint.

First, **the Principle of Variety**, by which is meant that the constant aim of the writer of Counterpoint is to **avoid monotony**, no matter from what cause it may arise. Thus broken chords and arpeggios as suggesting rather a single harmony than several melodic tones; voices moving a third or a sixth apart, by which one voice is merely a copy of the other; repetitions of figures; sequences, and nearly stationary parts are all undesirable.

Second, the **Principle of Clearness**. Nothing must be introduced which would tend to obscure the movement of each voice or confuse one voice with another voice, or to give the Counterpoint the effect of **aimless wandering**. Fig. 1a. Thus, crossing or overlapping of parts, voices moving out of their proper range (Fig. 1b), and formless melodies are all to be avoided.



Third, the **Principle of Euphony**. One important function of music is to please the ear, and although the pleasure derived from fine Counterpoint is of a different character from that which we get from beautiful Harmony, still the composition must always be **well-sounding**.

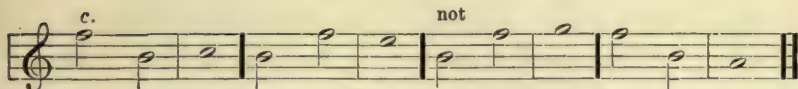
As Counterpoint deals chiefly with melodies, the student should write his Counterpoint as if for voices, keeping within the range of the voice for which he is writing and observing the following suggestions as to the progression of each voice or part.

Movement of a Single Voice.

The smoothest progression of a voice is always by degrees, i. e., step-wise progression; but movement by a skip of a major or minor third, perfect 4th, perfect 5th, minor 6th, or octave is good.* A skip of a diminished 4th, or diminished 5th, or of a major 6th is rare. Most chromatic intervals, most diminished intervals, all augmented intervals, all 7ths and all intervals greater than an octave are forbidden.

The diminished fifth is used, but only when the part returns within the interval by degrees. This is to be used but sparingly. As, Fig. 1c.

* The leap of the octave on the leading tone, Te, is forbidden.



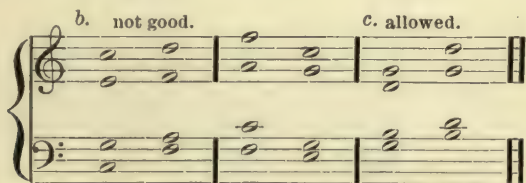
The compass of each part should rarely exceed an octave and a fourth.

No note should be repeated. (Principle of Variety.)

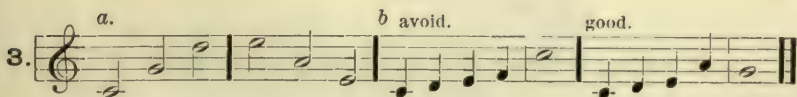
A forbidden melodic progression is not bettered by taking it in two leaps as, C-b, e-f-b; c-g \sharp , c-e-g \sharp .



All the parts should not move in the same direction at once, unless such progression is brought about by a re-distribution of the same chord. Fig. 2c.



As a rule, two leaps in the same direction should not be used. Fig. 3a.



After progressing by degrees do not leap in the same direction to an accented tone. (Fig. 3b.)

Harmonic Suggestions.

Although in Counterpoint, our attention is taken up rather by intervals and melodic progressions than by chords, still many points are made clearer by referring to chords and chord progressions.

There are but two classes of chords possible in Counterpoint:

1st. The consonant triads (major or minor, not diminished) with root in the lowest part (uninverted or a position).

2d. The major, minor and diminished triads with the third in the lowest part (first inversion, b position or 6-3 chord).

The VII_2° (on the leading tone), is never used and III_a (the mediant with root lowest) is to be avoided.

The c position ($\frac{6}{4}$) of any chord is absolutely forbidden.

This gives us for use the I_a and I_b ; II_a and II_b ; III_b only, IV_a and IV_b , V_a and V_b ; VI_a and VI_b and VII_b° only. Owing to the variable character of the scale, it is more difficult to determine the harmonies to be used in the minor mode. The chords that are possible are given in the following Figure. Those enclosed in parentheses are not to be used. Those in brackets are possible. The others are those ordinarily used. Other references to Harmony will be found in later chapters.

c.

I II° III^{+} III IV IV V v VI VII $\sharp\text{VII}^{\circ}$

I_b II_b° III_b^{+} III_b I_b IV_b V_b v_b VI_b VII_b° VII_b

It is a fundamental idea in Counterpoint that but one consonant effect shall appear in a measure. This is most easily attained if we restrict ourselves to one chord in a measure. This will become plainer as the student progresses.

Modulation to the nearest major or minor keys is allowed, but modulations should not be frequent nor for many measures, nor to keys requiring the addition of more than one sharp or flat.

The last note in all kinds of Counterpoint must always represent an authentic cadence, i. e., the last note in the lowest part must always be the key-note. The last note in the upper voice is

usually the key-note: if not, it must be at any rate part of the tonic chord. The complete cadence should occur only at the end.

Little attention is paid to chord progression as such, it being possible theoretically for any chord to go to any other. However, the student will succeed best if he avoids moving any chord to any other whose root lies next in the scale, as e. g., II, I; V, IV; IV, III, etc. Such progressions are, however, much softened if the chords are in the b-position ($\frac{6}{3}$).

CHAPTER I.

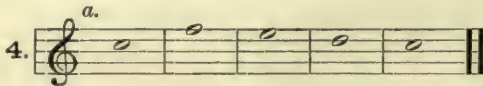
TWO-PART COUNTERPOINT. FIRST SPECIES.

Counterpoint may be written in two, three or more parts, but for the present, we shall confine our attention to Counterpoint written in two parts.

In writing two-part Counterpoint, a melody is given to the student to which he is to fit another melody. The first melody is generally short, written without change of key, entirely in whole notes and is called **Cantus Firmus** (Latin) or **Canto Fermo** (Italian). This melody must never be altered by the student.

The second melody (written to fit the first) is the Counterpoint and may be written in five different ways, each way being called a Species of Counterpoint. It is of course understood that each Species may also be written in three or more parts.

In the **First Species**, the Counterpoint is written either above or below the Cantus Firmus, in notes of the same value as the Cantus Firmus. If we take the following short melody as a Cantus Firmus,



we may write above and below it, the following Counterpoints.

The student will get the best results from his work if he will write the two parts on separate staves as above. The given part, (Cantus Firmus) should always be marked with the letters C. F. to

avoid confusion. The student is advised in submitting exercises to his teacher to write the Cantus Firmus in ink, the Counterpoint in pencil.

In adding the new melody (Counterpoint) to the Cantus Firmus only concords may be used. Dissonances of all kinds are forbidden. We may use then, major and minor thirds, perfect fifths, major and minor sixths, perfect octaves and unisons; no others. Thus the following intervals are all forbidden; seconds, fourths, sevenths, augmented and diminished intervals (including the augmented fourth Fah to Te and the diminished fifth Te to Fah).

The student should make special note that the fourth is regarded as a dissonance and is forbidden.

The first note of the Counterpoint must be a perfect concord, i. e., a perfect fifth, octave or unison.

If below the Cantus Firmus, it must be an octave or unison. If above, it may be an octave, unison or fifth.

The last interval is always an octave or unison. Fig. 5.

First notes.

or or or or C. F. or or or not

5.

C. F.

Last notes.

not C. F. or or or not not not

The student must distinguish clearly between the intervals that are usable as melodic intervals, i. e., by a single voice, and those that are allowed as harmonic intervals, i. e., the intervals formed by one voice with another.

Parallel fifths and octaves are forbidden, also consecutive fifths and octaves in contrary motion.

The octave on the leading tone (Te) is forbidden.

Concealed fifths and octaves are forbidden.

8. *All bad.*

5 5 8 8 5 5 5 8

The unison is used only in the first and last measures. Sixths and thirds are more desirable than fifths or octaves, but the best result is obtained by a judicious use of both. The progression of a third to a fifth when the parts move by degrees is to be avoided.

7. *To be avoided.* *Allowed.*

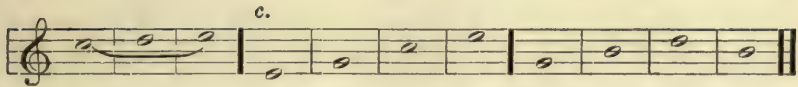
Measures 2 and 3 are especially bad as they contain the Tritone. See below. Page 9.

More than **three thirds** or **three sixths** should not be used consecutively. Two are better than three. **Contrary motion** is best but should be relieved by some parallel motion. (**Principle of Variety.**) **Oblique motion** requires one voice to remain stationary and is, therefore, **forbidden.** (**Principle of Variety.**)

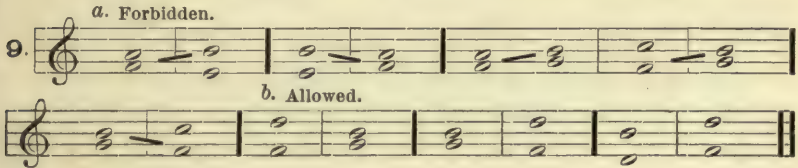
Parts should not cross, as this would produce confusion as to progressions. (**Principle of Clearness.**)

One voice should not **leap past** the tone just left by another voice. (**Principle of Clearness.**) Such movement is called **Overlapping** (Fig. 8a). Avoid repeating a melodic figure (Fig. 8b) or moving arpeggio-like as at Fig. 8c (**Principle of Variety.**)

8. *a. All bad.* *b.*



Any succession of chords, one of which contains the fourth of the scale, Fah, and the other the leading tone, Te (the tritone, i. e., the interval comprising three major seconds as F-G-A-B) is usually condemned by writers on Counterpoint (Fig. 9a) but the bad effect of the tritone disappears if either or both parts move by a skip. Fig. 9b. (Principle of Euphony.)



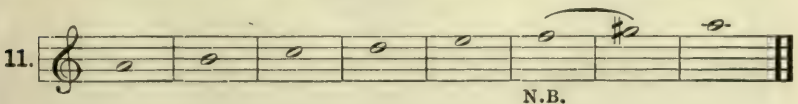
There is but one cadence possible. It is given in various forms in Fig. 10.



This cadence must occur only at the end of the exercise, not in the middle.

Te (the leading tone) generally, though not necessarily, goes to Doh. If approached from below it usually ascends, if from above, it may move in either direction.

When writing in the minor mode, the tones of the **Harmonic Minor Scale** (only the 7th of the scale sharpened) had best be used, but the interval of the augmented second must not occur.



If the natural (minor) 7th occur in the Cantus Firmus, treat it as if it were the third of the minor V or make a transition to the key of the relative major.

12.

C.F.

a : I C : V f : b a : I v iv_b i

Exercise. As an exercise the student should write counterpoints both above and below several of the Cantus Fermi given on page 129, the number to be written and the Cantus to be selected is left to the instructor. It is suggested, however, that only by writing a large number of exercises, can the student become at all proficient. The following models should be thoroughly studied before any exercises are written. By playing them repeatedly and by noting carefully the progressions used, the student will begin to think contrapuntally and will appreciate the peculiar flavor that belongs to contrapuntal writing.

13. a.

3 4+ 8 5 5 4 +

C.F.

b. C.F.

5 4 3 3 3 8

c. 7th.

C.F.

Fig. 13a, b, c, contains numerous errors. Fig. 13a begins with a third instead of a perfect concord, and ends without a proper cadence. In the bass of Fig. 13b, the melodic interval of the augmented fourth, and the stationary c-c is bad. In Fig. 13c, the soprano progression of a major seventh by two leaps, the augmented fourth, the dissonance in measure five are all bad. The other errors are easily seen.

NOTE. In the Model Exercises given throughout this book, many of them by acknowledged masters, there will frequently be found progressions differing from those recommended to the student. In many cases these have been marked. Such irregularities arise from several causes. Like all arts the art of Counterpoint was a slow growth, and at one time in its history progressions were forbidden that later on were found possible under certain circumstances. Different writers, too, have different ideas as to what is desirable. No art can be tied down to hard and fast rules. All that can be given the student is a general indication of what is usually best. In the Models, it is sufficient if he take note of the irregularities and avoid them for the present.

FRANCO (of Cologne).

8 + + N. B. 8

This bit of Counterpoint shows how far our rules were followed in actual composition by the old writers. The original, a chant written about A. D. 1200 contains notes of various lengths, here reduced throughout to whole notes. Notice the repeated notes, the change to the Second Species, and the concealed octave. The composition is divided into two parts, measures 1-12 and 13-21, hence the octaves, measures 12-13, are not considered, the two parts being regarded as distinct.

The first system of musical notation consists of two staves. The upper staff is in treble clef and the lower staff is in bass clef. Both staves are marked with "C.F." (Counterpoint). The music is written in a single key signature (no sharps or flats) and consists of 12 measures of whole notes. The notes in the upper staff are: C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4. The notes in the lower staff are: C3, D3, E3, F3, G3, A3, B3, C4, B3, A3, G3, F3.

The second system of musical notation consists of two staves. The upper staff is in treble clef and the lower staff is in bass clef. Both staves are marked with "C.F.". The key signature changes to one sharp (F#). The music consists of 12 measures of whole notes. The notes in the upper staff are: F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4. The notes in the lower staff are: F#3, G3, A3, B3, C4, B3, A3, G3, F#3, E3, D3, C3.

The third system of musical notation consists of two staves. The upper staff is in treble clef and the lower staff is in bass clef. Both staves are marked with "C.F.". The key signature changes to two flats (Bb, Eb). The music consists of 12 measures of whole notes. The notes in the upper staff are: Bb4, C5, Bb4, Ab4, Gb4, Fb4, Eb4, D4, C4, Bb3, Ab3, Gb3. The notes in the lower staff are: Bb3, C4, Bb3, Ab3, Gb3, Fb3, Eb3, D3, C3, Bb2, Ab2, Gb2.

The fourth system of musical notation consists of two staves. The upper staff is in treble clef and the lower staff is in bass clef. Both staves are marked with "C.F.". The key signature changes to one sharp (F#). The music consists of 12 measures of whole notes. The notes in the upper staff are: F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4. The notes in the lower staff are: F#3, G3, A3, B3, C4, B3, A3, G3, F#3, E3, D3, C3.

The first system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4. The lower staff is in bass clef and contains a sequence of notes: D3, E3, F3, G3, A3, B3, C4, D4, E4, F4. The label "C.F." is placed above the first few notes of the bass staff.

The second system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4. The lower staff is in bass clef and contains a sequence of notes: D3, E3, F3, G3, A3, B3, C4, D4, E4, F4. The label "C.F." is placed above the first few notes of the bass staff.

The third system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4. The lower staff is in bass clef and contains a sequence of notes: D3, E3, F3, G3, A3, B3, C4, D4, E4, F4. The label "C.F." is placed above the first few notes of the bass staff, and the word "correct." is placed above the notes G4 and A4 in the treble staff.

The succession of two major thirds which in the major mode results in the Tritone and is forbidden, is allowed in the minor mode as above, the interval from E to A being a perfect 4th.

The fourth system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4. The lower staff is in bass clef and contains a sequence of notes: D3, E3, F3, G3, A3, B3, C4, D4, E4, F4. The label "C.F." is placed above the first few notes of the bass staff.

The fifth system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4. The lower staff is in bass clef and contains a sequence of notes: D3, E3, F3, G3, A3, B3, C4, D4, E4, F4. The label "C.F." is placed above the first few notes of the bass staff.

C.F.

Musical score for Counterpoint Simplified, exercise C.F. The score is written for two staves, Treble and Bass, in G major (one flat). The Treble staff begins with a treble clef and a key signature of one flat. The Bass staff begins with a bass clef and a key signature of one flat. The music consists of a series of eighth notes in both hands, forming a simple counterpoint exercise. The Treble staff starts on G4 and moves up stepwise to G5. The Bass staff starts on G3 and moves up stepwise to G4. The exercise concludes with a double bar line.

CHAPTER II.

TWO-PART COUNTERPOINT. SECOND SPECIES.

In the **Second Species**, the Counterpoint has **two notes against each one** in the Cantus Firmus. Thus when written against a Cantus Firmus in whole notes, the Counterpoint will be in half notes. The last note of the Counterpoint, however, **must be a whole note**.

It is possible and even preferable to begin the Counterpoint with a half rest, giving but one half note to the first measure (**Principle of Clearness**). The first note of the Counterpoint, whether on the first or on the second half of the measure, **must be a perfect concord** as in the First Species, i. e., unison or octave if the Counterpoint is below; unison, fifth or octave if the Counterpoint is above.

The first note of each following measure is governed by the same rules as in the First Species, i. e., we must have **only consonances**; thirds, sixths, octaves or fifths.

The second note in each measure may be either a consonance or a dissonance. If a consonance, it may be approached or left by a skip. If a dissonance, it must be approached and left by degrees, i. e., it may be a passing tone and, if so, must follow the rules for passing tones. A dissonance on the second half of the measure is more desirable than a consonance.

A leap is better between the two notes of the measure than between the last note of one measure and the first note of the following measure. Fig. 14.

14. *a. Correct.*

14. *b.* All bad.

Since a fourth is regarded in Counterpoint as a dissonance, the student must be careful not to approach or leave it by a skip.

15.

The variety of passing tone sometimes called **changing tone** is available for use. A changing tone is a dissonant tone that fulfills all the conditions of a passing tone but returns to the tone from which it started instead of moving on in the same direction. There is also another variety of changing tone described on page 30.

16.

As but one chord is to be used in a measure, we **must not** attempt to use as consonant tones in the same measure, two tones which cannot belong to the same chord.

17.

Here G and A, first measure, although both consonant with C, cannot both belong to the same harmony; hence A must be regarded as dissonant to the prevailing harmony of the measure and

be regarded as a dissonant tone. For this reason its progression should be stepwise. The same applies to the notes E and F in the third measure.

The **unison** should be avoided in the first half of the measure (except in first and last measures) but it may rarely be used on the second half of the measure.

18. Musical notation for exercise 18. It consists of a single treble clef staff. The first measure is labeled "Correct." and contains a C4-F4 interval. The second measure is labeled "Bad." and contains a C4-F4 interval. The third measure contains a C4-F4 interval. The fourth measure contains a C4-F4 interval. The fifth measure contains a C4-F4 interval. The sixth measure contains a C4-F4 interval. The seventh measure contains a C4-F4 interval. The eighth measure contains a C4-F4 interval. The label "C.F." is written below the first measure.

Concealed fifths or octaves are forbidden, or in other words two voices must not take a fifth or an octave in parallel motion. In the Second Species this can only occur between the second half of one measure and the first half of the next.

19. Musical notation for exercise 19. It consists of a single treble clef staff. The first measure contains a C4-F4 interval. The second measure contains a C4-F4 interval. The third measure contains a C4-F4 interval. The fourth measure contains a C4-F4 interval. The fifth measure contains a C4-F4 interval. The sixth measure contains a C4-F4 interval. The seventh measure contains a C4-F4 interval. The eighth measure contains a C4-F4 interval. The label "C.F." is written below the first measure.

Students always are in doubt as to what progressions constitute parallel fifths or octaves in this species. The following rules will be of use in determining what is bad.

1. **Parallel fifths or octaves must not occur between the second note of one measure and the first note of the next measure.**

These are parallel fifths or octaves, pure and simple.

20. Musical notation for exercise 20. It consists of two staves, treble and bass clef. The first measure contains a C4-F4 interval. The second measure contains a C4-F4 interval. The third measure contains a C4-F4 interval. The fourth measure contains a C4-F4 interval. The fifth measure contains a C4-F4 interval. The sixth measure contains a C4-F4 interval. The seventh measure contains a C4-F4 interval. The eighth measure contains a C4-F4 interval. The label "C.F." is written below the first measure. The numbers 5, 5, 5, 5, 8, 8 are written below the notes in the second, third, fourth, fifth, sixth, and seventh measures respectively.

2. **Parallel fifths or octaves must not occur between the first notes of consecutive measures.**

Musical notation for exercise 20b. It consists of two staves, treble and bass clef. The first measure contains a C4-F4 interval. The second measure contains a C4-F4 interval. The third measure contains a C4-F4 interval. The fourth measure contains a C4-F4 interval. The fifth measure contains a C4-F4 interval. The sixth measure contains a C4-F4 interval. The seventh measure contains a C4-F4 interval. The eighth measure contains a C4-F4 interval. The numbers 5, 5, 8, 8 are written below the notes in the first, second, third, and fourth measures respectively.

3. Parallel fifths or octaves must not occur between the second notes of consecutive measures.

21. ^{a.}

This rule is sometimes relaxed if either of these notes is not an harmonic tone but merely a passing tone.

^{b.} Allowed.

The Cadences used in the Second Species, two-voiced Counterpoint, are as follows :

22. ^{C.F.}

There are no others possible.

Cantus Firmi are sometimes written in which the penultimate note is some other than Ray, (the second of the scale). This would give rise to various other cadences, but the present treatise does not include such Cantus Firmi.

As the interval of the fourth is regarded as a dissonance in Counterpoint, it is not possible to use a chord whose two lower notes form that interval; i. e., a chord in the C-position (C_4^6) chord) is forbidden. Although in two-voiced Counterpoint we cannot form a complete chord, still we can imply one,

23.

and when the implied chord is a C-position chord as in Fig. 23, the progression should be avoided. In Fig. 23, if the first chord is regarded as a I chord, the bass note gives us the fifth in the bass which is forbidden. If we regard the chord as a III_b (C_3^6) chord) the second bass note is a dissonance taken by a skip, also forbidden.

The same rules hold good when writing Counterpoint in the minor mode, but the following additional suggestions should be observed.

The seventh of the scale should be a minor second from the key-note. However, when used as a passing tone progressing downward, it may appear at the distance of a major second, Fig. 24a, or, in step-wise progression, it may even be used as an harmonic tone, as in Fig. 24b.

24.

The sixth of the scale is a minor sixth when used as an Harmonic tone. Fig. 24*a*. As a passing tone it may be a major sixth. Fig. 24*c*. It is also possible to use the major sixth in the cadence as at Fig. 24*d*.

The use of the **augmented second** from the minor sixth to the major seventh is of course **forbidden**.

Counterpoint of the Second Species is sometimes written with **three notes to a measure** instead of two.

There are but few modifications of the previous rules that need to be observed in this kind of writing. The last measure of the Counterpoint should contain a note of equal value to the note in the Cantus Firmus. The first measure should usually begin with a rest and in any case the first note must be a perfect concord.

The second and third notes may both be passing tones, but, if so, both **must move onward by degrees in the direction in which they start**.

When the Counterpoint is below do not use the fifth of the chord as either **highest** or lowest note in the measure, unless it is treated as a passing tone.

27.

a. Bad. Bad. Good.

Oblique motion to a unison is bad.

b.

The following are two illustrations of three notes to one.

OUSELEY.

C.F.

SAUNDERS.

C.F.

The student is advised not to write Counterpoint of this kind until he has written Counterpoint of the Third Species.

The student should write under the direction of his teacher many examples of the Second Species of Counterpoint. The following will show both what to avoid and what to imitate.

28. *a. C.F.*

b.

C.F.

In Fig 28*a* first measure, the counterpoint should not begin with the third in the Bass. In measure 4, a C-position chord is outlined. In measure 5, the dissonance is left by a skip. The Bass progression in the last two measures is very bad. In Fig. 28*b* the errors are explained by the marks. In Fig. 28*c* the student should find and correct the numerous errors.

c.

The following may be used as models.

C.F.

C.F.

C.F.

* F# is better than D#, as the latter gives two progressions of 4ths. Principle of Variety.

The voices would combine better if the Soprano were an 8ve lower or the Bass an 8ve higher. The same observation applies to the following :

The first system of music consists of two staves. The upper staff is a Soprano line in G major, starting with a whole rest followed by a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is a Bass line in G major, starting with a whole rest followed by a sequence of eighth notes: G3, F3, E3, D3, C3, B2, A2. The label "C.F." is placed above the Bass line.

The second system of music consists of two staves. The upper staff is a Soprano line in G major, starting with a whole rest followed by a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is a Bass line in G major, starting with a whole rest followed by a sequence of eighth notes: G3, F3, E3, D3, C3, B2, A2. The system ends with a double bar line.

The third system of music consists of two staves. The upper staff is a Soprano line in G major, starting with a whole rest followed by a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is a Bass line in G major, starting with a whole rest followed by a sequence of eighth notes: G3, F3, E3, D3, C3, B2, A2. A correction mark "+ 5" is placed above the Bass line in the eighth measure, indicating a fifth interval correction.

The D in measure 8 would have made a concealed 5th with the next note. Hence the correction.

OUSELEY.

The fourth system of music consists of two staves. The upper staff is a Soprano line in G major, starting with a whole rest followed by a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is a Bass line in G major, starting with a whole rest followed by a sequence of eighth notes: G3, F3, E3, D3, C3, B2, A2. The label "C.F." is placed above the Bass line.

The fifth system of music consists of two staves. The upper staff is a Soprano line in G major, starting with a whole rest followed by a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is a Bass line in G major, starting with a whole rest followed by a sequence of eighth notes: G3, F3, E3, D3, C3, B2, A2. A note correction "N.B." is placed above the Bass line in the eighth measure, indicating a correction to the note D3.

The two melodic 4ths and the tritone are not to be recommended.

Correct.
C.F. 5 5

The fifths are allowable since the second is a passing tone.

C.F.

C.F.

C.F.

3 3

The two major thirds are allowed as no tritone results.

C.F.

The first system of musical notation consists of two staves. The upper staff is in treble clef with a key signature of two flats (B-flat and E-flat). It contains a sequence of eight quarter notes: B-flat, A, G, F, E, D, C, and B-flat. The lower staff is in bass clef with the same key signature. It begins with a whole rest, followed by a sequence of eighth notes: B-flat, A, G, F, E, D, C, and B-flat. The system concludes with a double bar line.

C.F.

The second system of musical notation consists of two staves. The upper staff is in treble clef with a key signature of two flats. It contains a sequence of five quarter notes: B-flat, A, G, F, and E. The lower staff is in bass clef with the same key signature. It begins with a whole rest, followed by a sequence of eighth notes: B-flat, A, G, F, E, D, C, and B-flat. The system concludes with a double bar line.

The third system of musical notation consists of two staves. The upper staff is in treble clef with a key signature of two flats. It contains a sequence of five quarter notes: B-flat, A, G, F, and E. The lower staff is in bass clef with the same key signature. It begins with a sequence of eighth notes: B-flat, A, G, F, E, D, C, and B-flat. The system concludes with a double bar line.

This counterpoint is rather in E \flat than in C minor.

CHAPTER III.

TWO-PART COUNTERPOINT. THIRD SPECIES.

In the **Third Species**, four notes are written in the Counterpoint to **one** in the Cantus Firmus. The last measure will of course contain but one note and that of equal value to the note in the Cantus Firmus.

As in the First and Second Species, the **first note** of the Counterpoint, **must be a perfect concord** (unison or octave if the Counterpoint is below; unison, fifth or octave if the Counterpoint is above).

The first measure may begin with a **quarter rest**. In fact, in all species of Counterpoint, except the First, the Counterpoint is likely to begin with a rest, as this gives more piquancy to the Counterpoint and distinguishes it more completely from the Cantus Firmus. (*Principles of Variety and of Clearness*).

The first note of every following measure **must be a concord**. The other three notes may be either **concord**s or **passing tones** but it is best to have at least one passing tone in each measure. If **concord**s, they are free to move by **skips**. If **passing tones**, they **must move by degrees**. As in the Second Species, a note may be a concord with the Cantus Firmus and still be dissonant to the prevailing harmony. Hence, such a note must not move by skip.

29.

Bad. + Bad. + Good. Good.

If two passing tones follow each other they should progress by degrees in the same direction to a consonant tone.

30.

Bad. + Good.

Avoid forming arpeggio or broken chord groups, or repetitions of a figure.

31.

Avoid any succession of tones that would seem to define a C-position ($\frac{6}{4}$) chord. If when writing the lower part, the student will avoid placing the fifth of the chord as the highest or lowest note of the measure, he will have little trouble with the C-position chords.

32.

Bad. + Good.

After a progression by degrees, do not skip in the same direction to an accented note.

33.

a. Bad. + Good.

A skip in contrary motion is good.



Any bad effect of consecutives will be entirely avoided if we take care to place at least four notes between any two fifths or any two octaves. More freedom is allowed if one or both notes are passing notes.

No figure should be allowed to begin and end with the notes of the tritone, or even to be defined by them. Fig. 34*b* is good because the figure, although containing the tritone, does not have the notes of the tritone as outside notes.



In the cadence, the penultimate note should always be the leading tone, except that the cadence at Fig. 35*b* is allowed.

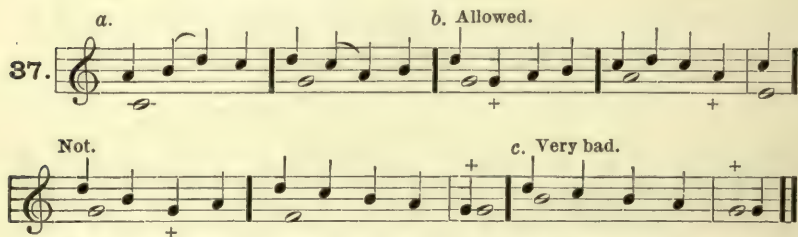
The best cadences are :



Sometimes a dissonant (passing) tone instead of moving onward by a degree, leaps the interval of a third, the part then returning to the note over which the leap was made; as Fig. 36.



Such use is also called a **changing note**, (see Chapter II, page 16, Fig. 16) the voice simply changing about but making no **progress**. The form given above (Fig. 36) in which the last note of the group is the same as the first, is better than the following, Fig. 37a, though either may be used.



As in the former species, the **voices should not overlap**, (**Principle of Clearness**) nor may a note be **repeated**. It is best too, that the voices **do not cross** though this is sometimes allowed. (**Principle of Clearness.**)

The **unison** may occur as the first or the last note of the Counterpoint but elsewhere it should not appear on either the primary or secondary accent (first or third note of the measure) Fig. 37b. It must not be taken by parallel motion. Fig. 37c.

Six, eight and nine notes may also be written to the measure in this species but no new rules are needed. It is recommended that the student now return to Chapter II and write a number of Counterpoints with three notes against one.

The next three illustrations show many things that are to be **avoided**. The illustrations following are intended as models.

a. C.F.

38.

1 2 3 4 5 6 7 8

9 10 11 12 13 14

1. Imperfect interval in bass. 2. Dissonance on the accent. 3. Skip in same direction after step-wise progression, also aug. 4th. 4. Dissonance left by skip. 5. Leap of aug. 4th. 6. Concealed 8ve. 7. Implied C-position (this is allowed by some writers). 8. Dissonance by a skip. 9. I_c and repeated figure. 10. Parallel 5ths. 11. Dissonance left by skip. 12. Dissonance taken by a skip. 13-14 and 6-9 octaves on accent.

b.

C.F.

1 2 3 4

5 6 7 8

Let the student discover and correct the errors in the above. Also in the following.

C. C.F.

As an Exercise, the student should write many examples of Counterpoint in this Species, both above and below, as the teacher may direct, choosing his Canti from those on pages 129, 130, 131.

C.F.

The C \sharp is smoother than the C \natural in the third measure.

C.F.

The first system consists of two staves. The treble staff contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4, B3, A3, G3, F3, E3, D3, C3. The bass staff contains a sequence of notes: C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4, B3, A3, G3, F3, E3, D3, C3.

In the following, 6th measure, $G\sharp$ and $F\sharp$ are possible but would suggest $C: I_c$. The $G\sharp$ emphasizes the key of a minor. If the $G\sharp$ is used the $F\sharp$ is a necessity. Why?

C.F.

The second system is labeled "C.F." and consists of two staves. The treble staff contains a sequence of notes: C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4. The bass staff contains a sequence of notes: C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4.

The third system consists of two staves. The treble staff contains a sequence of notes: C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4. The bass staff contains a sequence of notes: C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4.

C.F. FÉTIS. Arr.

The fourth system is labeled "C.F." and "FÉTIS. Arr." and consists of two staves. The treble staff contains a sequence of notes: C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4. The bass staff contains a sequence of notes: C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4.

The fifth system consists of two staves. The treble staff contains a sequence of notes: C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4. The bass staff contains a sequence of notes: C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4.

The following illustrates the use of the major and the minor seventh in the minor mode. In the first measure $B\sharp$ would be bad. In measure 3 as a changing tone $B\sharp$ is much the better. At the end $B\sharp$ is necessary for a cadence.

A♯ in measure 7 would be very rough, and the transition to the key of E♭ adds interest. The cadence is irregular but good owing to the strong progression of the Bass.

First system of musical notation. The treble clef staff contains a melodic line starting with a whole rest, followed by quarter notes: D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4. The bass clef staff contains a counterpoint line with whole notes: D3, G2, C3, F2, B1. The label "C.F." is written in the bass staff.

Second system of musical notation. The treble clef staff continues the melodic line with quarter notes: C5, B4, A4, G4, F4, E4, D4, C4, B3, A3, G3, F3, E3, D3. The bass clef staff continues the counterpoint line with whole notes: G2, C3, F2, B1, E1.

Third system of musical notation. The treble clef staff continues the melodic line with quarter notes: C4, B3, A3, G3, F3, E3, D3, C3, B2, A2, G2, F2, E2, D2. The bass clef staff continues the counterpoint line with whole notes: C3, F2, B1, E1, A0.

Fourth system of musical notation. The treble clef staff continues the melodic line with quarter notes: C2, B1, A1, G1, F1, E1, D1, C1, B0, A0, G0, F0, E0, D0. The bass clef staff continues the counterpoint line with whole notes: G1, C1, F0, B-1, E-2.

CHAPTER IV.

TWO-PART COUNTERPOINT. FOURTH SPECIES.

In this Species, we again have **note against note** but with the very important difference that instead of the tones appearing at the same time, i. e. struck together, each tone in the **Counterpoint** appears on the **second half** of the tone in the Cantus Firmus. By this means with the same number of notes as in the First Species, we have twice the **rhythmical variety**. The note in the **Counterpoint** thus coming on the second half of the measure, is written as a half note and tied to another **half note on the first part** of the following measure. Thus;

39.

C.F.

Such notes are said to be **syncopated**. Syncopation, then, is the **prolongation of an unaccented note into an accented note**.

The **first half of the note** in the Counterpoint must always be **consonant** with the Cantus Firmus; that is the **second half of each measure must be consonant**. The student will notice that this reverses the method employed in writing in the Second Species where the **first half of each measure** is consonant. In the Second Species, the **first half** of the measure defines the Harmony. In the Fourth Species, the **second half** of the measure defines the Harmony.

40.

1st Species. 2d Species.

I V I_b vii^o_b I I V I_b

C.F.

4th Species.

vii^o_b I I V I_b vii^o_b I

The ninth measure of Fig. 40 though correct is not to be especially recommended.

If the note of the Counterpoint thus tied over (suspended) is dissonant with the note in the Cantus Firmus when the latter enters, it is called a **suspension**, and it **must resolve by a degree** to a consonance on the second half of the measure. If the note of the Counterpoint forms a **consonance** on the first of the measure, it is free to progress by a skip. Thus ;

41.

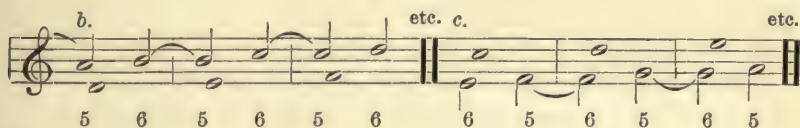
^{a.}

9 8 7 6 4 3 6 8 6 3

C.F.

It will be seen by the above that **suspensions always resolve downwards one degree**. It is however, possible to use the interval of the fifth on the accent when followed by the sixth. In this case we may regard the fifth as a dissonance resolving upward

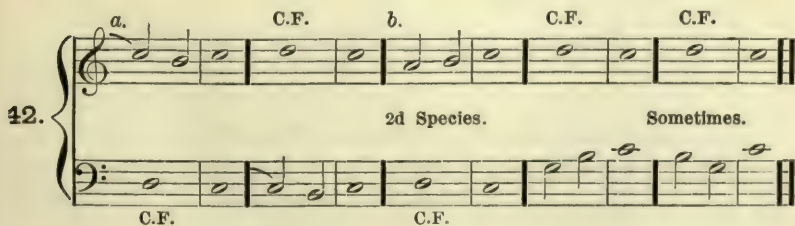
(sometimes called a **retardation**) or concede that two chords have been used in the measure contrary to the usual practice of Counterpoint. Thus in Fig. 41*b* the progressions are correct, the fifths coming on the unimportant part of the measure. In Fig. 41*c* they are wrong, as here they represent the Harmony. The student should always reduce Counterpoint of the Fourth Species to Counterpoint of the First Species to determine whether his progressions are correct. See Fig. 40.



The first measure of the Counterpoint generally begins with a half rest, though two half notes (making the first measure of the Second Species) are allowed. In either case, the first note of the Counterpoint must be a perfect consonance; octave, unison or fifth when above, octave or unison when below.

The last note, as in all kinds of Counterpoint, must be of equal length with the note in the Cantus Firmus and must be a perfect consonance.

In the Cadence the last note but one of the Counterpoint, must be the leading tone whether it is above or below. (Fig. 42*a*.) The last measure but one is often written in the Second Species in order to introduce the cadence properly. When this is done any of the cadences given in the Second Species may be used.



The consonances which form the second half of each measure (except first and last measure) must of course be those given in the First Species, i. e. unisons, thirds, fifths, sixths and octaves.

Counterpoint of this species will be more interesting if a majority of the measures contain a dissonance on the first half. (**Principle of Variety.**)

When the Counterpoint is above, the suspensions that may be used are :

Nine to eight, (never two to one) seven to six, four to three and rarely five to six. Of these seven to six is the best. See Fig. 41.

When the Counterpoint is below we may use two to three, four to five and five to six. Of these two to three is the best. Seven to eight is not allowed.

43.

The interval of the fourth must be treated strictly as a dissonance, but the following Fig. 44a is not regarded as a C-position ($\begin{smallmatrix} 6 \\ 4 \end{smallmatrix}$) chord and may be used freely.

44.

It is sometimes almost or quite impossible to continue the syncopation for any length of time. If so, it is allowable to break the syncopation for not more than two measures and write in the

second species. In writing a Counterpoint to a very long Cantus such breaking of the syncopation is even desirable, but it should never be resorted to for the purpose of avoiding ordinary difficulties.

Any progression that would produce **consecutive fifths or octaves** in the First Species is **not bettered** by the syncopation of the Fourth Species.

45.

1st S. 4th S.

All bad. Equally bad.
C.F. C.F.

But the following progression, Fig. 46, although producing **consecutive fifths on the accented part** of the measure is allowed. As the second half of the measure contains the real harmony, the ear is not offended by the fifths used as dissonances or as unimportant notes. The student, however, is not advised to use Fig. 46 as a model.

46.

BRIDGE.

5 5 5 5

5 5 5 5 5

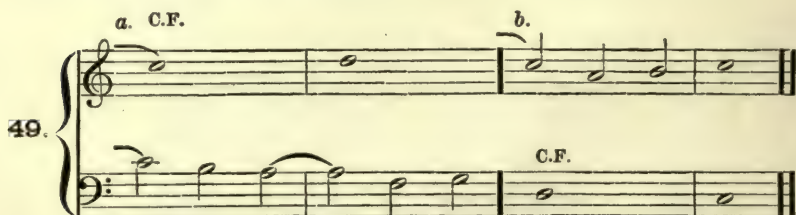
A concealed fifth as below is bad.



The unison may be used in the first and last measures. Also with moderation in other measures as in Fig. 48.



Counterpoint of the **Fourth Species** is occasionally written in triple time. Here the suspended dissonance regularly resolves on the second beat. By a process similar to the use of changing tones spoken of in the Third Species, the dissonant tone may first leap to a consonant tone (on the second beat) and then resolve regularly on the third beat. Such resolution is called an **Ornamental Resolution**. Fig. 49*b*.



As heretofore the student should study carefully the following models before writing Counterpoint of his own to the Canti given. The first four are models of what to avoid.

50. *a.*

1
C.F.

2 3 4 5 6 7 8

1. Two chords implied in one measure. 2. Dissonance used as preparation and also as resolution. 3-4. Parallel octaves. 5. Dissonance taken by a skip, also used as a preparation. 7. Dissonance as resolution also left by a skip. 7-8. Wrong cadence.

b. C.F.

6

In measure 6 although the chord is apparently a C position ($\frac{6}{4}$) chord, the progression is good as G is not regarded as an harmonic tone. The student should find and correct the numerous mistakes in this and the following exercise.

c.

C.F.

Find at least eleven errors in the following :

d. C.F.

C.F.

C.F.

C.F. D. 4th. SAUNDERS.

This Diminished 4th is allowed in the Minor Mode. In the fifth and sixth measures the minor sixth and seventh are used in descending progression.

C.F.

C.F. Fux.

The first system of music is in a key signature of two flats (B-flat and E-flat). The treble clef part consists of a single half note in each of the four measures. The bass clef part features a melodic line with four groups of triplets, each consisting of three eighth notes. The triplets are marked with the number '3' above them.

The counterpoint is written in the Dorian Mode ($A\sharp$) thus avoiding the tritone $A\flat-D$.

The second system is in a key signature of one sharp (F#). The treble clef part is labeled 'C.F.' and contains a melodic line of eighth notes. The bass clef part consists of a simple harmonic accompaniment of quarter notes.

The third system is in a key signature of two sharps (F# and C#). The treble clef part is labeled 'C.F.' and contains a melodic line of eighth notes. The bass clef part consists of a simple harmonic accompaniment of quarter notes.

The fourth system is in a key signature of two sharps (F# and C#). The treble clef part contains a melodic line of eighth notes. The bass clef part consists of a simple harmonic accompaniment of quarter notes.

The fifth system is in a key signature of two flats (B-flat and E-flat). The treble clef part contains a melodic line of eighth notes. In the third measure, there is an alternative phrasing indicated by the word 'or' above the staff. The bass clef part consists of a simple harmonic accompaniment of quarter notes.

The first exercise consists of two staves. The treble staff contains a melodic line with eighth and quarter notes, including some slurs. The bass staff provides a simple harmonic accompaniment with quarter notes.

ALBRECHTSBERGER.

The second exercise, by Albrechtsberger, has two staves. The treble staff features a more complex melodic line with slurs and ties. The bass staff is marked "C.F." and contains quarter notes. The number "6" appears above the bass staff in the final two measures.

The third exercise consists of two staves. The treble staff has a melodic line with slurs. The bass staff is marked with the number "6" above it in the first three measures, indicating a specific fingering or exercise.

FÉTIS.

The fourth exercise, by Fétis, consists of two staves. The treble staff has a melodic line with slurs. The bass staff is marked "C.F." and contains quarter notes.

The fifth exercise consists of two staves. The treble staff has a melodic line with slurs. The bass staff contains quarter notes.

CHAPTER V.

TWO-PART COUNTERPOINT. FIFTH SPECIES.

The **Fifth Species** of Counterpoint is a combination of all the others and approaches more nearly to actual composition than any of the other four. It is commonly called **Florid Counterpoint** as it is an elaborate form of Counterpoint. The student will succeed best in writing this Species if he regards it as written on the Fourth Species as a basis, using the Fourth Species, especially with ornamental resolutions and other elaborations, more frequently than the others.

The **First Species** will be found only in the last measure.

The **Second Species**, though its use is correct, does not often occur except at the cadence.

The **Third Species** had best not be used for more than two measures, more often for a single measure or for part of a measure.

The **Fourth Species**, as stated above, occurs very frequently, sometimes in strict form, more often combined with the other Species, or with **ornamental resolutions**. (See Figures 52 and 53 below.)

In this Species especially must the student keep clearly in mind the **Principle of Variety**.

It is best not to use **more than two measures** of the same Species in succession. It is especially desirable that the combination of Species occur **in the same measure**. A mere succession of different species in different measures will not make good Florid Counterpoint.

Avoid the repetition of the same figure. (Fig. 51*a*.) **Principle of Variety**.

Avoid the repetition of the same rhythm. (Fig. 51*b*.) **Principle of Variety**.

51. *a.* *b.*

The use of **eighth notes** on the second or fourth beat is allowed and recommended but only by stepwise progression. Figures 52 and 53.

52.

The Counterpoint should begin with a Perfect Concord just as in the other Species, either a half or a quarter rest on the first part of the first measure being allowed. We may have then the following rhythms in the first measure :

The following rhythm is not good in any measure ;

The Ornamental Resolutions spoken of above are as follows :

53. *a.* *b.* *c.*

The image shows a musical score for a counterpoint exercise. It consists of two staves: a treble clef staff on top and a bass clef staff on the bottom. The treble staff contains a melody of eighth and quarter notes. The bass staff contains a simple harmonic accompaniment of quarter notes. The notes in the bass staff are labeled 'd', 'e.', 'f.', and 'g.'.

When the tie is used, the first of the two notes must always be as long as the second, and is usually longer. Thus a half note may be tied to another half, or to a quarter, but a quarter must never be tied to a half note. A dotted half or a dotted quarter note is not allowed.

When a half note is preceded in the same measure by notes of less value, it should always be tied to the following note. This rule is however, disregarded at the cadence.

54.

The image shows a musical score for exercise 54. It consists of two staves: a treble clef staff on top and a bass clef staff on the bottom. The treble staff contains a melody of eighth and quarter notes. The bass staff contains a simple harmonic accompaniment of quarter notes. The notes in the bass staff are labeled 'Not.', 'Not.', 'Good.', and 'Good in Cadence.'.

The Cadence may be of the Second or (preferably) of the Fourth Species. If the latter, ornamental resolutions may be used.

The following are examples of Counterpoint written in this Species. The student is again urged to play them over repeatedly and to examine them with the closest attention that he may become familiar with the methods of thought of the old contrapuntists. The first one is full of errors, which should be corrected by the student, the others are intended as models.

Exercises should be written as in the other Species under the supervision of the teacher.

Counterpoint of this Species is also written in Triple and in Compound Time. No new rules are required.

C.F.

+

+

FÉTIS.

C.F.

CHERUBINI.

C.F.

N.B.

The first system consists of two staves. The upper staff is in treble clef and contains a melodic line with eighth and quarter notes, some beamed together. The lower staff is in bass clef and contains a simple accompaniment of quarter notes.

The second system consists of two staves. The upper staff is in treble clef and contains a melodic line with eighth and quarter notes, including some accidentals. The lower staff is in bass clef and contains a simple accompaniment of quarter notes. The label "C.F." is written in the upper left of the bass staff.

The third system consists of two staves. The upper staff is in treble clef and contains a melodic line with eighth and quarter notes, including some accidentals. The lower staff is in bass clef and contains a simple accompaniment of quarter notes.

The fourth system consists of two staves. The upper staff is in treble clef and contains a simple accompaniment of quarter notes. The lower staff is in bass clef and contains a melodic line with eighth and quarter notes, including some accidentals. The label "C.F." is written in the upper left of the treble staff.

The fifth system consists of two staves. The upper staff is in treble clef and contains a simple accompaniment of quarter notes. The lower staff is in bass clef and contains a melodic line with eighth and quarter notes, including some accidentals.

C.F.

CHERUBINI.

The first system of musical notation consists of two staves. The upper staff (treble clef) contains four measures of music, each with a single half note: G4, A4, B4, and C5. The lower staff (bass clef) contains four measures. The first measure is a whole rest. The second measure has a half note G3. The third measure has a half note A3. The fourth measure has a half note B3. Above the fourth measure, the text "N.B." is written. A slur is placed over the notes A3 and B3 in the fourth measure.

The second system of musical notation consists of two staves. The upper staff (treble clef) contains four measures of music, each with a single half note: G4, A4, B4, and C#5. The lower staff (bass clef) contains four measures. The first measure has a half note G3. The second measure has a half note A3. The third measure has a half note B3. The fourth measure has a half note C#4. Above the fourth measure, the text "N.B." is written. A slur is placed over the notes B3 and C#4 in the fourth measure. Below the fourth measure, the time signature $\frac{6}{4} ?$ is written.

The third system of musical notation consists of two staves. The upper staff (treble clef) contains four measures of music, each with a single half note: G4, A4, B4, and C5. The lower staff (bass clef) contains four measures. The first measure has a half note G3. The second measure has a half note A3. The third measure has a half note B3. The fourth measure has a half note C4. Above the fourth measure, the text "N.B." is written. A slur is placed over the notes B3 and C4 in the fourth measure. Below the fourth measure, the time signature $\frac{6}{4} ?$ is written.

The fourth system of musical notation consists of two staves. The upper staff (treble clef) contains four measures of music, each with a single half note: G4, A4, B4, and C5. The lower staff (bass clef) contains four measures. The first measure has a half note G3. The second measure has a half note A3. The third measure has a half note B3. The fourth measure has a half note C4. Above the fourth measure, the text "N.B." is written. A slur is placed over the notes B3 and C4 in the fourth measure. Below the first measure, the time signature $\frac{6}{4} ?$ is written.

The fifth system of musical notation consists of two staves. The upper staff (treble clef) contains four measures of music. The first measure has a whole rest. The second measure has a half note G4. The third measure has a half note A4. The fourth measure has a half note B4. Above the fourth measure, the text "N.B." is written. A slur is placed over the notes A4 and B4 in the fourth measure. Below the fourth measure, the time signature $\frac{6}{4} ?$ is written. The lower staff (bass clef) contains four measures, each with a single half note: G3, A3, B3, and C4. Above the second and third measures, the number "8" is written. Below the first measure, the text "C.F." is written. Above the fourth measure, the text "FUX." is written.

N.B.

C.F. ALBRECHTSBERGER.

N.B.

N.B. N.B.

C.F. FÉTIS.

6/4?

C.F.

C.F.

No 3d on the accent.

This Counterpoint may be written an octave higher.

CHAPTER VI.

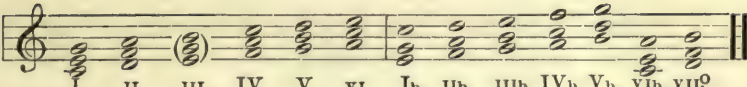
THREE-PART COUNTERPOINT.

In Three-Part Counterpoint, a melody (Cantus Firmus) is given to which we are to fit **two Counterpoints**.

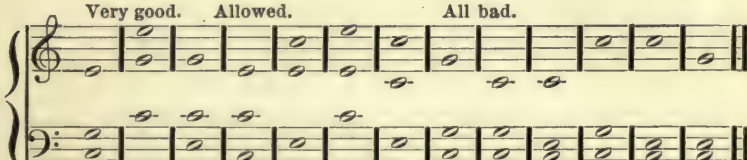
Counterpoint in three parts may be written in each of the five species. Also in certain **combinations of species**. The following are **general observations** applicable to all species of three-part Counterpoint.

Counterpoint written with three voices approaches more nearly to harmonic writing, and for that reason **the rules of Harmony must receive more attention** than heretofore. Still the progression of each individual voice is to be regarded as of the highest importance, and in all cases where there may be a conflict between progressions that are desirable harmonically and those that are desirable melodically the latter **should always take precedence**. As Fétis says: "Perfection consists in uniting full harmony to the greatest purity of voice movement." In general, we may say that **the rules of Two-Part Counterpoint apply with equal force to the outer voices** in Three-Part Counterpoint, and the student before writing in each Species should review the rules for that Species in Two-Voiced Counterpoint.

The only chords possible are those previously given, but with three voices the chords may be complete, while with but two voices they are necessarily incomplete. These chords are as follows: The first inversion (b-position) of each triad of the scale and the a-position (uninverted chord) on each degree of the scale except the seventh or leading tone. The chord on the Mediant (III, the third of the scale) is also to be avoided when not inverted. The III⁺ of the minor mode with augmented fifth cannot be used at all.

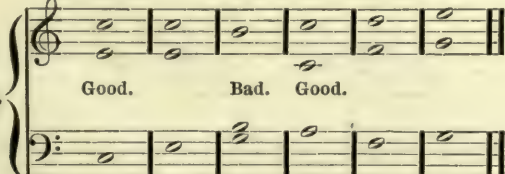
55.  Musical notation for exercise 55, showing a single staff with chords labeled I, II, III, IV, V, VI, I_b, II_b, III_b, IV_b, V_b, VI_b, and VII_b below the notes.

The Harmonic effect is best when the contiguous voices are not more than an octave apart and when the voices are about equidistant. It is better to have the wider interval between the lowest and the middle voice than between the two upper voices. The lower voices may be occasionally a tenth or even a twelfth apart. (Principle of Euphony).

56.  Musical notation for exercise 56, showing two staves (treble and bass clef) with voice leading. Labels 'Very good.', 'Allowed.', and 'All bad.' are placed above the treble staff to indicate the quality of the intervals.

It is desirable to have one complete chord in each measure ; in most kinds of Counterpoint on the first of the measure. See page 4. If this cannot be secured without sacrificing a free flowing motion of the voices, the fifth of the chord may be omitted.

Either the root or the third of the chord may be doubled, but on the first of the measure the leading tone, (Te) must not be doubled. The third of the minor chords is better doubled than the third of the major chords.

57.  Musical notation for exercise 57, showing two staves (treble and bass clef) with voice leading. Labels 'Good.', 'Bad.', and 'Good.' are placed above the treble staff to indicate the quality of the intervals.

The student will not go far wrong if the doubled notes in any chord are on the first, fourth or fifth of the scale.

Parallel Fifths and Octaves are forbidden.

Concealed Fifths and Octaves are to be avoided. They are allowed at the cadence and when they are produced by the re-distribution of the same chord. They are especially to be avoided between the outer parts ;

58.

Bad. Cadence. Good.

Parallel. Good. 8 Concealed, good, Avoid,
same chord. outer parts.

8 8 5 5

It is usual for the last note in the highest voice to be the keynote, but in three or more parts the last note may be the third of the scale.

The unison between any two parts is to be used **only in the first and last measures.**

The first measure may contain a chord with the third omitted but it is best to have the chord complete or omit **both third and fifth** thus beginning with unison or octave, Fig. 59a, and in any case the first chord must have the root in the Bass.

59.

Allowed in a. first measure. Better. b. Bad. Doubtful.

not or or or

All the parts should very seldom move in the **same direction.** Fig. 59b. However if such motion is simply the result of a re-distribution of a chord there is no bad effect as Fig. 58 fourth measure.

The voices may **occasionally cross** (Principle of Variety) to

secure a better melodic progression, but should not remain crossed more than two measures. (**Principle of Clearness.**)

The interval of the fourth, heretofore forbidden, is now frequently a necessity between the upper voices when the chord is in the *b*-position (first inversion). **The fourth must not occur between the lowest voice and either upper voice, only between the two upper voices, neither must it occur on the first of the measure, when the chord is incomplete.** Fig. 60*b*.

60.

a. Good. Bad. *b.* Allowed in
Second Species.

4th. A. 4th.

CHAPTER VII.

THREE-PART COUNTERPOINT. FIRST SPECIES.

All the parts are in notes of the same value as those of the Cantus Firmus.

Every chord except the first and last should be a complete chord if possible.

All the rules given in the preceding chapter hold good.

The leading note (Te) must not be doubled.

In order to avoid a bad progression, a note may be repeated in either of the upper voices. Such repetition is not so good in the lowest part.

The interval of the fourth between the two upper voices is allowed.

In the VII² (the first inversion of the chord on the leading tone) the upper voices may be at the interval either of the augmented fourth or the diminished fifth, but such intervals must not occur between the lowest part and either upper part.

61.

The image shows a musical exercise labeled '61.' consisting of two staves, treble and bass clef. The first measure is labeled 'Good.' and shows a chord with a perfect fourth between the two upper voices. The second measure is labeled 'Bad.' and shows a chord with a diminished fifth interval between the two upper voices. The bass line is a single note in both measures.

The following are models to be carefully studied and with the exception of the first two, are to be imitated by the student in his writing. He should in this and the following species of Three-Voiced Counterpoint, write a considerable number of exercises using the Canti given on pages 129, 130, 131.

Measure 1 begins badly with 3d in Bass. 2-3-4. Stationary Soprano. 2. Bass goes above Tenor. 4-5. Concealed octaves between Bass and Soprano. 5. No chord. 5-6. Parallel 8ves. 6. Tenor a 4th from Bass. 7. Dim. 5th from Bass. 8. Soprano ends on 3d. Badly written as a whole the Soprano and Tenor being too far apart.

Find errors in the following:

Crossing the Bass by an upper part should be avoided.

C.F. FÉTIS.

This system contains three staves. The top two staves are in treble clef, and the bottom staff is in bass clef. The key signature is D major (two sharps). The music consists of eighth notes. The first staff has a 'C.F.' label above it. The second staff has a 'FÉTIS.' label above it. The notes in the first staff are D4, E4, F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4. The notes in the second staff are D4, E4, F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4. The notes in the third staff are D3, E3, F#3, G3, A3, B3, C4, B3, A3, G3, F#3, E3.

C.F.

This system contains three staves. The top two staves are in treble clef, and the bottom staff is in bass clef. The key signature is B-flat major (two flats). The music consists of eighth notes. The first staff has a 'C.F.' label above it. The notes in the first staff are Bb4, C5, D5, Eb5, F5, G5, Ab5, G5, F5, Eb5, D5, C5. The notes in the second staff are Bb4, C5, D5, Eb5, F5, G5, Ab5, G5, F5, Eb5, D5, C5. The notes in the third staff are Bb3, C4, D4, Eb4, F4, G4, Ab4, G4, F4, Eb4, D4, C4.

C.F.

This system contains three staves. The top two staves are in treble clef, and the bottom staff is in bass clef. The key signature is E major (three sharps). The music consists of eighth notes. The first staff has a 'C.F.' label above it. The notes in the first staff are E4, F#4, G#4, A4, B4, C5, B4, A4, G#4, F#4, E4. The notes in the second staff are E4, F#4, G#4, A4, B4, C5, B4, A4, G#4, F#4, E4. The notes in the third staff are E3, F#3, G#3, A3, B3, C4, B3, A3, G#3, F#3, E3.

or C.F.

This system contains three staves. The top two staves are in treble clef, and the bottom staff is in bass clef. The key signature is B-flat major (two flats). The music consists of eighth notes. The first staff has an 'or' label above it. The notes in the first staff are Bb4, C5, D5, Eb5, F5, G5, Ab5, G5, F5, Eb5, D5, C5. The notes in the second staff are Bb4, C5, D5, Eb5, F5, G5, Ab5, G5, F5, Eb5, D5, C5. The notes in the third staff are Bb3, C4, D4, Eb4, F4, G4, Ab4, G4, F4, Eb4, D4, C4.

This Counterpoint is much improved by substituting the small notes in measure 6. As written first, the tritone occurs between the sixth and the seventh measure, and the repetition of the figure C-D-E, C-D-E in the Alto is not good. The repetition of E in the Alto, measures 5-6, may be allowed.

This Counterpoint by Fux is written in the Dorian mode.

The tied notes are not to be imitated.

The first system consists of three staves. The top staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, D5, E5, F5, G5, A5, B5, C6. The second staff is in treble clef and contains notes: G3, F3, E3, D3, C3, B2, A2, G2, F2, E2, D2. The third staff is in bass clef and contains notes: G2, F2, E2, D2, C2, B1, A1, G1, F1, E1, D1. The label "C.F." is positioned between the first and second staves. The word "or" is written below the final note of the top staff.

The second system consists of three staves. The top staff is in treble clef with a key signature of one flat (Bb) and contains notes: Bb4, C5, D5, E5, F5, G5, Ab5, Bb5, C6. The second staff is in treble clef with a key signature of one flat and contains notes: Bb3, Ab3, G3, F3, E3, D3, C3, Bb2, Ab2, G2, F2. The third staff is in bass clef with a key signature of one flat and contains notes: Bb2, Ab2, G2, F2, E2, D2, C2, Bb1, Ab1, G1, F1. The label "C.F." is positioned above the first staff. The final note of the second staff is enclosed in a circle with a sharp sign (#).

CHAPTER VIII.

THREE-PART COUNTERPOINT. SECOND SPECIES.

All the rules given in Chapter VI hold good.

In this form of writing we have two voices written in Counterpoint to the given Cantus Firmus. **One part is written in Counterpoint of the First Species** against the Cantus Firmus and follows the rules of Three-Part Counterpoint, First Species. This part is called the **Additional Part**. It must always begin with the Cantus Firmus.

The second contrapuntal part is written in the **Second Species**. The following observations cover special cases arising in the Second Species.

The Counterpoint may form a fourth with the upper voice even when the chord is incomplete if this occur in the first measure. Fig. 60*b* (page 59).

The Unison may be used between the Counterpoint of the Second Species and either of the other parts, but only **on the second half of the measure**.

62.

The **second half** of the measure in the Second Species may be **dissonant with either** or both of the other voices provided the progression is correct, but the **first half** of the measure **must be consonant with both** of the other voices.

In Fig. 63*b*, in the first measure the B although consonant with E is dissonant with C. In the second measure the A though consonant with C is a fourth from the bass note E and so incorrect.

a. b.

63.

If the Counterpoint begins with a rest, the Additional Part and the Cantus Firmus usually form a **perfect** concord, unison, fifth or octave.

If the Counterpoint begins with a rest its first note may be any note of the chord, root, third or fifth, provided it is in the upper or middle voice. This was not allowed in two voiced Counterpoint.

a. Good. b. Doubtful.

64.

As in Two Voiced writing, Second Species, all dissonant tones must be approached and left by degrees.

Consecutive Fifths and octaves on the first of successive measures must not occur between any two parts. Fig. 65*a*.

65.

a. b. Bad. Bad.

Bad. Bad. 9 8 7 8

8 8 5 5

The rules against **Concealed Fifths and Octaves** are somewhat relaxed in three-part writing in this Species, but we should avoid introducing such progressions in any conspicuous way and especially we should avoid the progression of a seventh or a ninth to an octave in parallel motion. Fig. 65*b*.

The Cadence is sometimes written in the **Fourth Species** but this should be resorted to only in cases of necessity. Fig. 66.

66.

C.F.

The next two illustrations are full of errors. The others are intended as models.

C.F.

8 8

Errors. Begins with the third in the Bass. Measure 2-3 parallel octaves. Measure 4 Bass crosses Tenor, also makes a I_c . Measure 5 Dissonance on the accent. Measure 6 concealed octave in outer voices, also mediant chord. 7-8 Octaves. 9 Doubled leading tone. 9-10 consecutive unisons.

Find at least ten errors in the following.

The Tenor would be much better if it was not so stationary on C.

ALBRECHTSBURGER.

C.F.

N.B. 4th Species.

C.F. 4th Species.

In the sixth and seventh measures the counterpoint is cramped.

C.F. 4th Species.

C.F. SAUNDERS.
P5 D5

-3

The diminished fourth, measure 2-3, is good in the minor mode. The progression by parallel motion to a perfect fifth and then to a diminished fifth is doubtful.

FÉTIS.

C.F.

Although the leap of the fourth in the sixth measure is thought by some to overcome the bad effect of the parallel fifths, the student should not imitate such progressions.

C.F.

BEETHOVEN.

C.F.

Fux.

The first system of music consists of three staves. The top staff is a treble clef staff with a C.F. label above it, containing five measures of music with quarter notes. The middle and bottom staves are bass clef staves with a Fux. label above the middle staff. The middle staff contains five measures of music with quarter notes, and the bottom staff contains five measures of music with quarter notes.

The second system of music consists of three staves. The top staff is a treble clef staff containing six measures of music with quarter notes, ending with a double bar line. The middle and bottom staves are bass clef staves. The middle staff contains six measures of music with quarter notes, including a slur over the last two notes and a sharp sign on the final note, ending with a double bar line. The bottom staff contains six measures of music with quarter notes, ending with a double bar line.

CHAPTER IX.

THREE-PART COUNTERPOINT. THIRD SPECIES.

The rules for writing the Third Species of Counterpoint in three parts are practically the same as in two parts, bearing in mind the points of difference between two and three-part writing that we have already learned. As in three-part writing of the Second Species, we have an Additional Part written in the First Species.

The rules in Chapter VI hold good in this Species.

The leading tone, Te, is sometimes doubled in this Species when such doubling is brought about in the midst of the measure by the moving part.

67. Correct.

The upper parts may cross for a few notes to secure a better movement of the voices.

Neither upper part may go below the lowest part. (Principles of Variety and of Clearness.)

As usual in three-part Counterpoint, we should try to have the harmony complete on the first of the measure. Failing in this, we may still secure a complete chord in each measure by completing the chord on the third quarter note.

68.

VIb IVb

The student should refresh his memory as to the rules for writing the Third Species which he learned in two-part writing.

Concealed Fifths and Octaves are less rigorously excluded, but should be avoided when possible.

It may not always be possible to place four quarter notes between perfect fifths or octaves. If not, try to **make one** (or both) of the fifths or octaves a passing tone.

Allowed.

69.

Parallel Fifths and Octaves must not occur on the first notes of consecutive measures, on the third quarters of consecutive measures, nor from the fourth quarter of one measure to the first quarter of the next.

Avoid a step-wise progression to a unison unless the part in quarter notes is crossing the other.

Avoid. Good.

70.

When the Third Species is in the bass, avoid a figure that would suggest a c-position (c_4 chord).

If the fifth of the chord comes on the second or fourth quarters, the progression may be allowed, but not on the first or third quarters. Fig. 71.

71.

Bad. Bad. Possible, but not recommended.

Ic

The first of the following illustrations contains numerous errors. The others are intended as models.

Find the errors marked in the following, and write out in corrected form.

C.F.

C.F.

C.F. BEETHOVEN.

N.B.

N.B.

In measure four the dissonant passing tone G is left by a leap. At N.B. the c-position chord is suggested.

In measure eleven the third of the chord does not appear until the third quarter.

CHERUBINI.

C.F.

C.F.

FUX. Arr.

C.F. N.B. 8

8

See first note on page 77 for N.B.

FÉTIS

First system of musical notation for FÉTIS. It consists of three staves: a top staff with a treble clef and a key signature of two flats (B-flat and E-flat), containing four whole notes; a middle staff with a treble clef and the same key signature, containing a continuous eighth-note melody; and a bottom staff with a bass clef and the same key signature, containing four whole notes. The label "C.F." is positioned below the middle staff.

Second system of musical notation for FÉTIS, continuing the three-staff structure from the first system. The top staff has five whole notes, the middle staff continues the eighth-note melody, and the bottom staff has five whole notes.

Third system of musical notation for FÉTIS, concluding the piece. The top staff has six whole notes ending with a double bar line, the middle staff continues the eighth-note melody to the end, and the bottom staff has six whole notes ending with a double bar line.

SAUNDERS.

First system of musical notation for SAUNDERS. It consists of three staves: a top staff with a treble clef and a key signature of one sharp (F-sharp), containing a continuous eighth-note melody; a middle staff with a treble clef and the same key signature, containing four whole notes; and a bottom staff with a bass clef and the same key signature, containing four whole notes. The label "C.F." is positioned below the middle staff.

The first system consists of three staves. The top staff is in treble clef with a key signature of one sharp (F#) and contains a melodic line of eighth notes: F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4. There are two '+' signs below the staff at the second and third measures. The middle and bottom staves are in bass clef with a key signature of one sharp (F#) and contain a harmonic accompaniment of whole notes: F#3, C4, F#3, C4, F#3, C4, F#3, C4.

The second system consists of three staves. The top staff is in treble clef with a key signature of one sharp (F#) and contains a melodic line of eighth notes: F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4. The middle and bottom staves are in bass clef with a key signature of one sharp (F#) and contain a harmonic accompaniment of whole notes: F#3, C4, F#3, C4, F#3, C4, F#3, C4. The text "Irregular Cantus." is written above the middle staff with a '+' sign below it.

The third system consists of three staves. The top staff is in treble clef with a key signature of one sharp (F#) and contains a harmonic accompaniment of whole notes: F#3, C4, F#3, C4, F#3, C4. The middle staff is in treble clef with a key signature of one sharp (F#) and contains a harmonic accompaniment of whole notes: F#3, C4, F#3, C4, F#3, C4. The text "C.F." is written to the left of the middle staff. The bottom staff is in bass clef with a key signature of one sharp (F#) and contains a melodic line of eighth notes: F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4. The text "FÉTIS." is written to the right of the top staff.

The fourth system consists of three staves. The top staff is in treble clef with a key signature of one sharp (F#) and contains a harmonic accompaniment of whole notes: F#3, C4, F#3, C4, F#3, C4. The middle staff is in treble clef with a key signature of one sharp (F#) and contains a harmonic accompaniment of whole notes: F#3, C4, F#3, C4, F#3, C4. The bottom staff is in bass clef with a key signature of one sharp (F#) and contains a melodic line of eighth notes: F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4.

The first system consists of three staves. The top staff has a treble clef and contains four measures of music, each with a single half note. The middle staff also has a treble clef and contains four measures of music, each with a single half note. The bottom staff has a bass clef and contains a continuous eighth-note melody across all four measures.

The second system consists of three staves. The top staff has a treble clef and contains four measures of music, each with a single half note. The middle staff has a treble clef and contains four measures of music, each with a single half note. The bottom staff has a bass clef and contains a continuous eighth-note melody across all four measures. The text "No 3rd." is written to the right of the middle staff.

The third system consists of three staves. The top staff has a treble clef with a flat key signature and contains four measures of music, each with a single half note. The middle staff has a treble clef with a flat key signature and contains a continuous eighth-note melody across all four measures. The text "C.F." is written below the middle staff. The bottom staff has a bass clef with a flat key signature and contains four measures of music, each with a single half note.

The fourth system consists of three staves. The top staff has a treble clef with a flat key signature and contains four measures of music, each with a single half note. The middle staff has a treble clef with a flat key signature and contains a continuous eighth-note melody across all four measures. The text "8" appears below the middle staff in the third and fourth measures. The bottom staff has a bass clef with a flat key signature and contains four measures of music, each with a single half note.

In the ninth and tenth measures the octaves, although there are but two quarters between them, produce no bad effect. The case would have been different if the notes forming the octaves had in both cases been the lowest note of the group.

C.F.

The musical score is presented in two systems, each containing three staves. The top two staves are in treble clef, and the bottom staff is in bass clef. The key signature is one flat (B-flat). The time signature is 3/4. The first system shows measures 9 and 10. In measure 9, the top two staves have whole notes (octaves) and the bass staff has a quarter-note sequence. In measure 10, the top two staves have whole notes (octaves) and the bass staff has a quarter-note sequence. The second system shows measures 11 and 12. In measure 11, the top two staves have whole notes (octaves) and the bass staff has a quarter-note sequence. In measure 12, the top two staves have whole notes (octaves) and the bass staff has a quarter-note sequence. The score ends with double bar lines.

CHAPTER X.

THREE-PART COUNTERPOINT. FOURTH SPECIES.

The general observations of Chapter VI still hold good.

The **Additional Part** will be as before in Counterpoint of the **First Species**.

In writing the **Fourth Species**, it must be kept in mind that the **second half note** in the measure represents the **real harmony** of that measure. For this reason progressions, doublings, omissions, discords, etc., are permitted on the first half of the measure that are forbidden on the first half in the other species. Similarly progressions, doublings, omissions, discords, etc., are here forbidden on the second half of the measure that are allowed on the second half in the other species.

The note taken by the additional part will be determined by the chord that is to appear on the second half of the measure when the suspension is resolved.

The suspension must always be reckoned between the bass and the part written in the **Fourth Species**. Thus in Fig. 72*a*, the suspension is between bass and soprano 9, 8, and not between alto and soprano 7, 6. In Fig. 72*b*, it is the suspension of 4, 3 and not 9, 8.

72. a. Good. b. Bad.

9. 8. 4. 3.

The note of **Resolution** must not appear in either of the other voices at the same time with the suspension. Fig. 72*b*. This

rule does not apply to the suspension 9, 8. The suspension at 72*a* is 9, 8. D in the soprano against C in the Bass is correct, while at Fig. 72*b*, although the suspensions are good of themselves, we must not allow the resolution tone G to appear in the tenor, for the suspension is not 9, 8 on G (which would be correct) but 4, 3 on E.

If the Fourth Species is in the bass, the suspensions and resolutions must be correctly written with both the upper parts.

c. Good. Bad.

72.

N.B.

8 2 3 4 5 3 8 7 8

3 2 3 2 3 5 3 2 3

Fifths and Octaves on the second half of consecutive measures are strictly forbidden.

It is allowed to break the syncopation for a measure or two, thus writing in the Second Species. It is also allowed that the part written in the Fourth Species should begin with a rest of a measure and a half. It is also allowable to introduce one half rest in the midst of the Counterpoint. Mozart is credited with saying that in a case of difficulty in Counterpoint, he introduced a rest or made the leap of the octave.

From this point onward it is allowed to introduce a **Pedal Point in the Bass**. This should not extend for many measures and the two upper parts must be written strictly according to the rules of two-part Counterpoint – as if the bass part did not exist.

The Pedal Point must begin and end with a concord.

The Pedal Point should be either the Tonic or the Dominant tone.

The two following illustrations are full of errors. The others are intended as models.

Find the errors in the following :

C. F.

Find the errors in the following :

C. F.

FÉTIS.

C. F.

First system of musical notation, consisting of three staves (treble, alto, and bass clefs) in G major. The top staff features a melodic line with eighth notes and slurs. The middle and bottom staves provide harmonic accompaniment with quarter notes.

Second system of musical notation, consisting of three staves. The top staff is labeled "FÉTIS." and the middle staff is labeled "C.F.". The notation continues with similar melodic and harmonic patterns.

Third system of musical notation, consisting of three staves. This system continues the melodic and harmonic development from the previous systems.

Fourth system of musical notation, consisting of three staves. The middle staff is labeled "C.F.". The notation concludes with a final cadence.

First system of musical notation, consisting of three staves. The top staff is in treble clef with a key signature of three sharps (F#, C#, G#). The middle and bottom staves are in bass clef with the same key signature. The music consists of eighth and sixteenth notes with various phrasings and slurs.

Second system of musical notation, consisting of three staves. The top staff is in treble clef with a key signature of two sharps (F#, C#). The middle and bottom staves are in bass clef with the same key signature. The middle staff is labeled "C.F." and contains whole notes. The bottom staff contains eighth notes with slurs.

Third system of musical notation, consisting of three staves. The top staff is in treble clef with a key signature of two sharps (F#, C#). The middle and bottom staves are in bass clef with the same key signature. The middle staff is labeled "sd." and contains whole notes. The bottom staff contains eighth notes with slurs.

Fourth system of musical notation, consisting of three staves. The top staff is in treble clef with a key signature of two flats (Bb, Eb). The middle and bottom staves are in bass clef with the same key signature. The middle staff contains eighth notes with slurs. The bottom staff is labeled "C.F." and contains whole notes.

The musical score is organized into three systems, each with its own key signature and time signature.

System 1: Two staves in B-flat major. The upper staff contains a melodic line with eighth and sixteenth notes, some beamed together. The lower staff contains a bass line with quarter notes.

System 2: Three staves in D major. The top staff has quarter notes. The middle staff is labeled "C.F." and contains a melodic line with eighth notes. The bottom staff has quarter notes.

System 3: Three staves in D major. The top staff has quarter notes and is labeled "C.F.". The middle staff is labeled "N.B." and contains chords with eighth notes. The bottom staff has a melodic line with eighth notes.

The first exercise consists of three staves. The top two staves are in treble clef and contain a sequence of six quarter notes: C4, D4, E4, F4, G4, A4. The bottom staff is in bass clef and contains a sequence of six quarter notes: G3, F3, E3, D3, C3, B2, with slurs over the first three and last three notes.

C.F. CHERUBINI.

The second exercise consists of three staves. The top two staves are in treble clef with a key signature of two sharps (F# and C#) and contain a sequence of six quarter notes: C4, D4, E4, F4, G4, A4. The bottom staff is in bass clef with the same key signature and contains a sequence of six quarter notes: G3, F3, E3, D3, C3, B2, with slurs over the first three and last three notes.

N.B.

The third exercise consists of three staves. The top two staves are in treble clef with a key signature of two sharps (F# and C#) and contain a sequence of six quarter notes: C4, D4, E4, F4, G4, A4. The bottom staff is in bass clef with the same key signature and contains a sequence of six quarter notes: G3, F3, E3, D3, C3, B2, with slurs over the first three and last three notes.

C.F. SAUNDERS.

The fourth exercise consists of three staves. The top two staves are in treble clef with a key signature of two sharps (F# and C#) and contain a sequence of six quarter notes: C4, D4, E4, F4, G4, A4. The bottom staff is in bass clef with the same key signature and contains a sequence of six quarter notes: G3, F3, E3, D3, C3, B2, with slurs over the first three and last three notes.

The musical score consists of three staves. The top staff is a treble clef with a single melodic line of six quarter notes. The middle staff is a treble clef with a more complex melodic line, featuring eighth and sixteenth notes, some beamed together, and a sharp sign on the final note. The bottom staff is a bass clef with a simple bass line of six quarter notes, with a bracket over the last two notes and the label "Pedal Point." below it.

CHAPTER XI.

THREE-PART COUNTERPOINT. FIFTH SPECIES.

The rules in Chapter VI apply so far as the three parts are concerned. The motion of the Counterpoint in the Fifth Species is governed by the rules of the Fifth Species in Two Parts.

The Additional Part in the First Species should be written as in the preceding forms.

The rule regarding the c-position or $\frac{6}{4}$ chords is here slightly relaxed. Fig. 73a, although introducing the fifth of the chord in the bass and on the third quarter is regarded as correct. It has, however, the disadvantage of the arpeggio progression which is best avoided. (Principle of Variety.)

Fig. 73b is a similar use to that mentioned in Chapter IX, page 75.

73.

5th 5th

The student should find and correct the errors in the following illustration. The other illustrations are intended as models.

The first system of music consists of two staves. The upper staff is in treble clef and contains a complex counterpoint melody with eighth and sixteenth notes, including some slurs and ties. The lower staff is in bass clef and contains a simple bass line with whole notes.

The second system is labeled "C.F." on the left and "BRIDGE." on the right. It consists of two staves. The upper staff is in treble clef and contains whole notes. The lower staff is in bass clef and contains a more active counterpoint melody with eighth and sixteenth notes.

The third system consists of two staves. The upper staff is in treble clef and contains whole notes. The lower staff is in bass clef and contains a complex counterpoint melody with eighth and sixteenth notes, including slurs and ties.

The fourth system consists of two staves. The upper staff is in treble clef and contains whole notes. The lower staff is in bass clef and contains a complex counterpoint melody with eighth and sixteenth notes, including slurs and ties.

The fifth system consists of two staves. The upper staff is in treble clef and contains whole notes. The lower staff is in bass clef and contains a complex counterpoint melody with eighth and sixteenth notes, including slurs and ties.

Beginning with the third of the chord lowest is not to be recommended. Neither are the constant repetitions in the Tenor. More suspensions are also desirable.

C.F. MACFARREN.

FUX.

C.F.

C.F.

The first system consists of three staves. The top staff is in treble clef and contains a melodic line with eighth and sixteenth notes, including some beamed pairs and slurs. The two bottom staves are in bass clef and provide harmonic support with quarter and eighth notes.

C.F.

The second system is marked 'C.F.' and consists of three staves. The top staff is in treble clef and contains a melodic line with quarter notes and slurs. The two bottom staves are in bass clef and provide harmonic support with quarter notes and slurs.

The third system consists of three staves. The top staff is in treble clef and contains a melodic line with quarter notes and slurs. The two bottom staves are in bass clef and provide harmonic support with quarter notes and slurs.

The fourth system consists of three staves. The top staff is in treble clef and contains a melodic line with quarter notes and slurs. The two bottom staves are in bass clef and provide harmonic support with quarter notes and slurs. The system is marked 'C.F.' at the bottom left.

The first system consists of three staves. The top staff is in treble clef with a key signature of three sharps (F#, C#, G#) and contains five whole notes: F#4, C#5, G#5, F#5, and C#5. The middle staff is in treble clef and contains a melodic line of eighth notes: F#4, G#4, A4, B4, C5, B4, A4, G#4, F#4, E4, D4, C4. The bottom staff is in bass clef with a key signature of three sharps and contains five whole notes: F#3, C#4, G#4, F#4, and C#4.

The second system consists of three staves. The top staff is in treble clef with a key signature of three sharps and contains a melodic line of eighth notes: F#4, G#4, A4, B4, C5, B4, A4, G#4, F#4, E4, D4, C4. The middle staff is in bass clef with a key signature of three sharps and contains five whole notes: F#3, C#4, G#4, F#4, and C#4. The bottom staff is in bass clef with a key signature of three sharps and contains five whole notes: F#3, C#4, G#4, F#4, and C#4. The label "FÉTIS." is positioned above the top staff, and "C.F." is positioned above the bottom staff.

The third system consists of three staves. The top staff is in treble clef with a key signature of three sharps and contains a melodic line of eighth notes: F#4, G#4, A4, B4, C5, B4, A4, G#4, F#4, E4, D4, C4. The middle staff is in bass clef with a key signature of three sharps and contains five whole notes: F#3, C#4, G#4, F#4, and C#4. The bottom staff is in bass clef with a key signature of three sharps and contains five whole notes: F#3, C#4, G#4, F#4, and C#4.

The fourth system consists of three staves. The top staff is in treble clef with a key signature of three sharps and contains a melodic line of eighth notes: F#4, G#4, A4, B4, C5, B4, A4, G#4, F#4, E4, D4, C4. The middle staff is in bass clef with a key signature of three sharps and contains five whole notes: F#3, C#4, G#4, F#4, and C#4. The bottom staff is in bass clef with a key signature of three sharps and contains five whole notes: F#3, C#4, G#4, F#4, and C#4.

ALBRECHTSBERGER.

The first system consists of three staves. The top staff is a treble clef with a key signature of two sharps (F# and C#). It contains a melodic line starting with a whole rest, followed by quarter notes G4, A4, B4, C5, D5, E5, F#5, G5, and a half note G5. The middle staff is a treble clef with a key signature of two sharps, containing a whole note chord G4-B4-D5. The bottom staff is a bass clef with a key signature of two sharps, containing a whole note chord G3-B3-D4.

The second system consists of three staves. The top staff is a treble clef with a key signature of two sharps, containing a melodic line starting with a whole note G4, followed by quarter notes A4, B4, C5, D5, E5, F#5, G5, and a half note G5. The middle staff is a treble clef with a key signature of two sharps, containing a whole note chord G4-B4-D5. The bottom staff is a bass clef with a key signature of two sharps, containing a whole note chord G3-B3-D4.

The third system consists of three staves. The top staff is a treble clef with a key signature of two sharps, containing a melodic line starting with a whole note G4, followed by quarter notes A4, B4, C5, D5, E5, F#5, G5, and a half note G5. The middle staff is a treble clef with a key signature of two sharps, containing a whole note chord G4-B4-D5. The bottom staff is a bass clef with a key signature of two sharps, containing a whole note chord G3-B3-D4.

The fourth system consists of three staves. The top staff is a treble clef with a key signature of two sharps, containing a whole note chord G4-B4-D5. The middle staff is a bass clef with a key signature of two sharps, containing a melodic line starting with a whole rest, followed by quarter notes G4, A4, B4, C5, D5, E5, F#5, G5, and a half note G5. The bottom staff is a bass clef with a key signature of two sharps, containing a whole note chord G3-B3-D4.

The first system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is in bass clef and contains a sequence of notes: G3, A3, B3, C4, B3, A3, G3, with various phrasing slurs and accents. The label "N.B." is positioned below the lower staff.

N.B.

The second system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is in bass clef and contains a sequence of notes: G3, A3, B3, C4, B3, A3, G3, with various phrasing slurs and accents. The label "C.F." is positioned below the lower staff. The name "SAUNDERS." is positioned above the upper staff.

SAUNDERS.

C.F.

The third system consists of two staves. The upper staff is in treble clef and contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4. The lower staff is in bass clef and contains a sequence of notes: G3, A3, B3, C4, B3, A3, G3, with various phrasing slurs and accents. The label "3d." is positioned below the lower staff.

3d.

CHAPTER XII.

FOUR-PART COUNTERPOINT.

In **Four-Part Counterpoint**, we have a melody given (Cantus Firmus) to which we are to fit **three** new melodies (counterpoints). It is usual to write the Cantus Firmus and **Two Additional Parts** in the First Species, the fourth part may then be written in any of the five Species. It is this form that we will study first.

Four-Part Counterpoint in the First Species differs little from simple four-part Harmony. Only the chords already given, however, may be used and each voice should have more individuality than is necessary in Harmony. Thus, repeating a note is not advisable, nor should we follow the rule in Harmony that a tone in common between two chords should remain in the same voice.

It is generally best to **write as if for a quartette** of mixed voices, Soprano, Alto, Tenor and Bass, and each part should not exceed the range of the voice for which it is written. In any case, whether written for mixed quartette, for ladies' voices (first and second Soprano, first and second Alto), or for mens' voices (first and second Tenor, first and second Bass), the voices should be about equidistant. If they are not, the resulting harmony will be thin and weak, the quartette will split into two duets or into a solo and trio. However, if a wide interval must exist anywhere, it is least objectionable between Tenor and Bass. Fig. 74a, b.

74.)

The figure shows two musical staves illustrating chord voicings. The top staff, labeled 'a. Good.', shows a sequence of chords in the treble clef: a triad of G4, B4, D5; a dyad of G4, B4; a triad of G4, B4, D5; a dyad of G4, B4; a triad of G4, B4, D5; a dyad of G4, B4; and a triad of G4, B4, D5. The bottom staff, labeled 'b. Bad.', shows a sequence of chords in the bass clef: a dyad of G3, B3; a triad of G3, B3, D4; a triad of G3, B3, D4; a triad of G3, B3, D4; a triad of G3, B3, D4; a dyad of G3, B3; and a triad of G3, B3, D4. The chords in 'b' are more widely spaced than in 'a', illustrating a less desirable voicing.

Each chord should contain **three different notes** and the **unison should be avoided**, i. e. each chord should be **complete** and each voice should have a tone of **different pitch**. Fig. 74a, b.

It is possible, though not desirable and seldom necessary, to omit the fifth of the chord when the chord is uninverted.

75. Not so good. Possible. Better.

As in Harmony, the root is the best tone to double, the fifth next and the third least, but in minor chords the third may be doubled freely. The leading tone is not to be doubled. As in three-part writing, the first, fourth and fifth of the scale are the most satisfactory tones to double in all chords. (Principle of Euphony.)

Parallel Fifths and Octaves are forbidden between any two parts.

Fifths and Octaves by contrary motion are scarcely better.

Concealed Fifths and Octaves are used more freely than in two or three part writing, but should be avoided especially between the outer voices. Concealed octaves at the Cadence are common between outer voices.

76. Good. Doubtful.

The first and last measures may contain either a complete chord, only Octaves and Unisons or a chord with either third or fifth omitted.

It is best that the last note in the highest voice be the key note, but either note of the I chord may be used.

When the Cantus is in the Bass the penultimate chord is VII^{\flat}_{6} . When the Cantus is in an upper voice, the penultimate chord is usually the V_a .

The repetition of a note is to be avoided, but a single repetition (not more) in the inner parts is entirely good. Repeated notes in the Soprano give a very weak effect and in the Bass they should be treated as a Pedal Point. (**Principle of Variety.**)

A Change of Harmony between successive measures is desirable; if not possible there should be sufficient motion of the voices to give interest to the progression. (**Principle of Variety.**)

77. *a. Not good.* *b. Good.*

Crossing and Overlapping of parts is sometimes necessary, but should be used very sparingly. No part should cross the lowest. (**Principle of Clearness.**)

There is no necessity for any extended explanation of the different Species in four-part writing. The rules given under two and three-part writing are sufficient.

The student should write a very large number of exercises in Four-Part Counterpoint in each of the five Species. The greatest freedom of motion in each voice combined with the smoothest harmonic progressions should be his aim.

78. PALESTRINA.

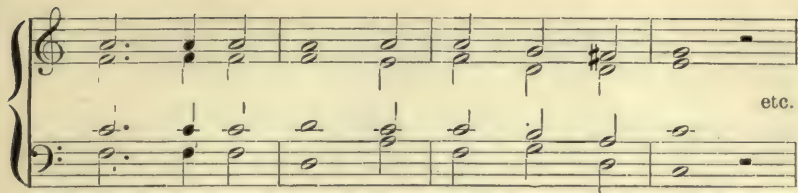
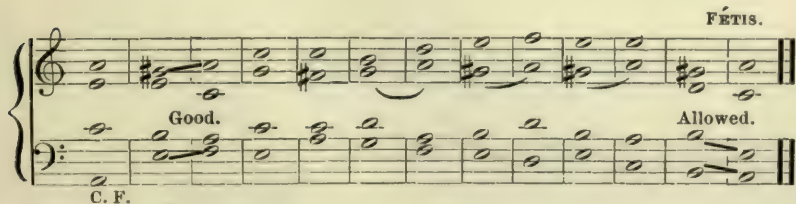
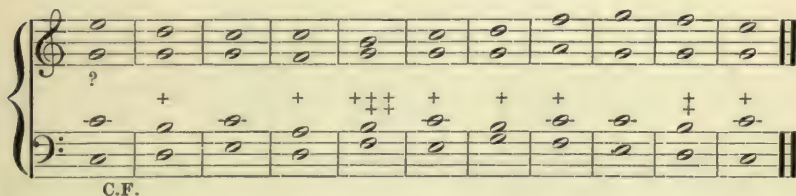


Fig. 78 is part of a Gloria by Palestrina, written in four voices, First Species. The repeated notes are made necessary by the words to which they are fitted. Notice at N.B. how the Tritone is avoided by introducing B-flat.

The following will serve as models, both as to what should be avoided and what should be imitated.

Find and correct the errors in the following. Notice also the poor voice leading.



BEETHOVEN.

Doubtful.

C. F.

ALBRECHTSBERGER.

C.F.

Since we have note against note the above is in the First Species although it is written chiefly in half notes.

C.F.

CHERUBINI.

CHERUBINI.

C.F.

C.F.

C.F.

C.F.

C.F. Fux.

The Tenor is somewhat monotonous and there are more repetitions than is desirable.

C.F.

C.F. FÉTIS.

N.B.

C.F. CHERUBINI.

N.B.

C.F. BRIDGE.

C.F.

ALBRECHTSBERGER.

Musical notation for the first system of Albrechtsberger's exercise. It consists of a grand staff with a treble clef on the upper staff and a bass clef on the lower staff. The key signature is one sharp (F#). The upper staff contains a melody of eighth and quarter notes. The lower staff contains a bass line with chords and some eighth notes. A slur is placed over the last two measures of the lower staff. The label "C.F." is positioned below the first measure of the lower staff.

Musical notation for the second system of Albrechtsberger's exercise. It consists of a grand staff with a treble clef on the upper staff and a bass clef on the lower staff. The key signature is one sharp (F#). The upper staff contains a melody of eighth and quarter notes. The lower staff contains a bass line with chords and some eighth notes. A slur is placed over the last two measures of the lower staff.

Musical notation for the third system of Albrechtsberger's exercise. It consists of a grand staff with a treble clef on the upper staff and a bass clef on the lower staff. The key signature is one sharp (F#). The upper staff contains a melody of eighth and quarter notes. The lower staff contains a bass line with chords. The system ends with a double bar line.

C.F

CHERUBINI.

Musical notation for the first system of Cherubini's exercise. It consists of a grand staff with a treble clef on the upper staff and a bass clef on the lower staff. The key signature is one sharp (F#). The upper staff contains a melody of quarter notes. The lower staff contains a bass line with eighth notes. A slur is placed over the last two measures of the upper staff.

Musical notation for the second system of Cherubini's exercise. It consists of a grand staff with a treble clef on the upper staff and a bass clef on the lower staff. The key signature is one sharp (F#). The upper staff contains a melody of quarter notes. The lower staff contains a bass line with eighth notes. A slur is placed over the last two measures of the upper staff. The system ends with a double bar line.

Correct errors in the following.

C.F.

First system of musical notation. Treble clef contains chords with '+' signs. Bass clef contains a melodic line with 'x' and '+' signs.

Second system of musical notation. Treble clef contains chords with '+' signs. Bass clef contains a melodic line with '+' signs.

C.F.

SAUNDERS.

Third system of musical notation. Treble clef contains chords. Bass clef contains a melodic line with 'x' and '+' signs.

Fourth system of musical notation. Treble clef contains chords. Bass clef contains a melodic line with '+' signs.

Fifth system of musical notation. Treble clef contains chords with an infinity symbol. Bass clef contains a melodic line with 'Arpeggio.' and an infinity symbol.

BRIDGE.

Musical notation for the first system of the bridge. The treble staff contains a melodic line with eighth and sixteenth notes. The bass staff contains a simple accompaniment of chords. A 'C.F.' label is positioned below the bass staff.

Musical notation for the second system of the bridge. The treble staff continues the melodic line with some chromaticism. The bass staff continues the accompaniment.

Musical notation for the third system of the bridge, concluding with a double bar line. The treble staff shows the final melodic phrase, and the bass staff provides the final accompaniment.

C.F.

FÉTIS.

Musical notation for the first system of the FÉTIS section. The treble staff features a more active melodic line with eighth notes. The bass staff continues with a simple accompaniment.

Musical notation for the second system of the FÉTIS section. The treble staff continues the melodic line, and the bass staff provides accompaniment.

First system of musical notation, showing a treble staff and a bass staff. The treble staff contains a sequence of eighth notes, and the bass staff contains chords. The key signature has one sharp (F#).

Second system of musical notation, including annotations: "8 Correct.", "8", "8", and "5 Correct.".

C.F.

Third system of musical notation, including annotations: "5", "8 Correct.", "8", "8", and "Correct. 8".

The above, though far from being a model counterpoint, illustrates the possibility of using octaves and fifths with fewer than four quarters between. The student must not use such progressions freely.

FÉTIS.

Fourth system of musical notation, including the annotation "C.F.".

Fifth system of musical notation, including the annotation "Leading tone.".

The first system consists of two staves. The upper staff is in treble clef and contains a series of chords, starting with a G4-A4-B4 triad and followed by other dyads and triads. The lower staff is in bass clef and features a rhythmic pattern of eighth notes, with some notes beamed together. There are two '8' markings above the bass staff, indicating eighth notes.

The second system has two staves. The upper staff is in treble clef and shows a melodic line of eighth notes. The lower staff is in bass clef and contains chords. The label 'C.F.' is positioned below the bass staff.

C.F.

The third system consists of two staves. The upper staff is in treble clef and features a melodic line of eighth notes. The lower staff is in bass clef and contains chords. The label '5 Correct. 5' is placed above the bass staff.

5 Correct. 5

The fourth system has two staves. The upper staff is in treble clef and contains chords. The lower staff is in bass clef and features a melodic line of eighth notes. The label 'C.F.' is located below the bass staff.

C.F.

CHERUBINI

The fifth system consists of two staves. The upper staff is in treble clef and contains chords. The lower staff is in bass clef and features a melodic line of eighth notes.

Leading tone
doubled.

Correct errors in the following. Notice 7-8 in third measure.

C.F.

BRIDGE.

N.B.

C.F.

N.B.

ALBRECHTSBERGER.

First system of music for Albrechtsberger. The treble clef staff contains chords, with the label "C.F." below it. The bass clef staff contains a melodic line with eighth notes. The key signature has three sharps (F#, C#, G#). There are two "8" markings above the bass staff, indicating eighth notes.

Second system of music for Albrechtsberger. The treble clef staff contains chords. The bass clef staff contains a melodic line with eighth notes. The key signature has three sharps (F#, C#, G#).

SAUNDERS.

First system of music for Saunders. The treble clef staff contains a melodic line with eighth notes, with the label "C.F." below it. The bass clef staff contains chords. The key signature has one flat (Bb).

Second system of music for Saunders. The treble clef staff contains a melodic line with eighth notes. The bass clef staff contains chords. The key signature has one flat (Bb).

Third system of music for Saunders. The treble clef staff contains a melodic line with eighth notes. The bass clef staff contains chords. The key signature has one flat (Bb). The word "PEDAL." is written below the bass staff, with a bracket indicating a sustained bass note.

C.F.

Tenor.
Alto.

Tenor.
Alto.

C.F.

CHERUBINI.

C.F.

Maj. 3d.

Maj. 3d.

3d.

3d. 3d. 3d.

The following Counterpoint though violating perhaps but one rule (doubling the leading tone) is very poor. A Counterpoint written in the second species loses all interest if no dissonant tones occur on the second half of the measure. Redistributing the chord by means of harmonic tones in the moving part can never produce good Counterpoint.

C.F.

8 8

+

SAUNDERS.

2

C.F.

The first system of music shows a treble staff with a melodic line in G minor, featuring eighth and sixteenth notes with various accidentals. The bass staff provides a harmonic accompaniment with chords and single notes.

The repetition of the same figure is not to be recommended.

FÉTIS.

The second system, labeled 'FÉTIS.', features a treble staff with chords and triplets of eighth notes. The bass staff has a steady eighth-note accompaniment. A 'C.F.' (Cantata Ficta) marking is present in the bass staff.

The third system continues the piece with chords in the treble staff and eighth-note accompaniment in the bass staff. Triplets of eighth notes are used in the treble.

FÉTIS.

The fourth system, labeled 'FÉTIS.', shows a treble staff with eighth-note melodic lines and chords. The bass staff has a simple accompaniment. 'C.F.' and numerical markings (5, 5, 8, 8) are present in the bass staff.

The fifth system features a treble staff with eighth-note melodic lines and chords. The bass staff has a simple accompaniment. An 'N.B.' (Nota Bene) marking is present in the bass staff.

CHERUBINI.

C.F.

The concealed 5th between Soprano and Bass, measure 3-4, the ending with the third of the chord in Soprano, the Bass crossing the Tenor, measure 7, and the poverty of invention in the Tenor of measures 6 and 7, should be noted.

C.F.

FUX-OUSELEY.

BEETHOVEN.

C.F.

The musical score is written on two staves. The upper staff uses a treble clef and the lower staff uses a bass clef. The key signature has one flat (B-flat). The time signature is not explicitly shown but appears to be common time. The treble staff contains six measures of music. The first five measures show a monotonous line in the Alto voice. The sixth measure features a final 3d in the Soprano voice. The bass staff contains six measures, with the first five measures showing a monotonous line in the Tenor voice. The piece concludes with a double bar line.

Notice the monotonous Alto in the first five measures, the extraordinary range of the Tenor, the final 3d in Soprano, and the ending with voices crossed.

CHAPTER XIII.

FIVE OR MORE PARTS. VARIOUS SPECIES.

Counterpoint may be written in any or all of the five Species in five or more parts. It is not usual to write for more than eight voices. Even eight-voiced Counterpoint is generally written in the form of two sets of four-voiced Counterpoint to be performed together, as by a double choir of four parts each. The perverse ingenuity of the monks of the Middle Ages led them into writing Counterpoint for as many as one hundred real parts, but it is quite unnecessary to call attention to the uselessness of such writing.

The principal difference between four-part Counterpoint and that in five or more parts is that greater freedom is constantly allowed as the number of voices increases.

In writing for more than four parts the voices should be doubled in the following order: First add a second Soprano (five parts), then a second Tenor (six parts), then a second Alto (seven parts), then a second Bass (eight parts).

Concealed Fifths and Octaves, not between outer parts, are allowed. Between outer parts they may be used if the Soprano moves by degrees and the Bass by a leap.

Parallel Fifths and Octaves are always forbidden, but in five or more parts consecutive octaves and more rarely fifths are sometimes found in **contrary motion**.

Avoid repeating a tone in all species except the first.

It is perfectly allowable and even necessary for the inner parts to cross each other frequently.

Overlapping cannot always be avoided.

There are no new chords available.

Dissonances should be approached and left by degrees (with the exceptions already given).

It is sometimes necessary to approach the Unison by Parallel

Motion, but a **second** should not go to a unison unless the voices are crossing.

The leading tone may not be doubled in less than six parts.

When writing the Fifth Species, whole, half or quarter rests may be used.

The final chord must be complete.

If the Cantus is in the Bass, the penultimate chord is the **VII^o**. When the Cantus is in any other part the penultimate chord is the **V_a**.

It is possible to write examples of Counterpoint in five, six, seven or eight parts using the Second, Third or Fourth Species in one part, the other parts being in the First Species, but the benefit is scarcely proportionate to the difficulty. The student should write examples of Counterpoint in five, six, seven and eight parts all in the First Species and then drill himself thoroughly in writing with the same number of parts, but setting the Counterpoints all in the Fifth Species. The value of such training can not be over-estimated.

When writing in eight parts the progression of octave to unison and *vice versa*, or from octave to octave, or from fifth to fifth in contrary motion is allowed. This is especially useful in the two Bass parts as follows:



The following examples are written only in the First and Fifth Species.

When writing more than four parts, in order to make the progression of each part clear, it is necessary to use more than two staves. It is again recommended to the student that he write all his exercises with a separate staff for each voice. This will not only assist in individualizing each voice in the student's mind, but will be of great advantage later in score reading.

First system of musical notation, labeled "C.F." (Cantus Firmus). It consists of three staves: a treble clef staff with a key signature of one sharp (F#), a middle treble clef staff, and a bass clef staff with a key signature of one sharp (F#). The music is primarily composed of chords and rests.

Second system of musical notation, labeled "C.F." and "CHERUBINI." It consists of three staves: a treble clef staff with a key signature of one sharp (F#), a middle treble clef staff, and a bass clef staff with a key signature of one sharp (F#). The music continues with chords and rests, including some sixteenth-note patterns in the bass staff.

The following is the first eight measures of a seven part Counterpoint using "Old Hundred" as the Cantus (Tenor II). The student should complete the counterpoint for the other twenty-four measures.

Third system of musical notation, labeled "C.F." and "etc." It consists of four staves: a treble clef staff with a key signature of one sharp (F#), a middle treble clef staff, a bass clef staff with a key signature of one sharp (F#), and a bottom bass clef staff with a key signature of one sharp (F#). The music continues with chords and rests, with "etc." written at the end of each staff.

BRIDGE.

The BRIDGE section consists of three staves. The top staff is a single treble clef line with chords and a sharp sign. The middle staff is a grand staff (treble and bass clefs) with a slur over the bass line and the label '2nd A.' above the treble line and 'C.F.' below the bass line. The bottom staff is a single bass clef line with chords.

FÉTIS.

The FÉTIS section consists of three staves. The top staff is a single treble clef line with notes and rests. The middle staff is a single treble clef line with notes and rests. The bottom staff is a grand staff (treble and bass clefs) with notes and rests, and the label 'C.F.' below the bass line.

The final section consists of three staves. The top staff is a single treble clef line with notes and rests. The middle staff is a single treble clef line with notes and rests. The bottom staff is a grand staff (treble and bass clefs) with notes and rests.

CHAPTER XIV.

THREE OR MORE PARTS. COMBINED COUNTERPOINT.

The five species of Counterpoint may be combined in a variety of ways. Such combinations are the most interesting and may be the most artistic of all the ways of writing Counterpoint.

We will consider some of the ways of combining the different Species.

In three-part Counterpoint, we may have against the Cantus (which is always to be present and which is in the First Species as before,) two parts in the Second, Third, Fourth or Fifth Species; one part in the Second and one in either Third, Fourth or Fifth Species; one part in the Third and one in the Fourth or Fifth; one part in the Fourth and one in the Fifth Species. The Cantus itself and any Species of Counterpoint may be in any voice. This gives rise to some seventy-five different arrangements of the Cantus and the different Species.

In the same way, when writing four-part Counterpoint, we may combine Counterpoints of each species with Counterpoints of any Species, giving rise to numberless arrangements.

When writing in several species, the parts may enter at different times, one Species in the first measure, one in the second, etc., but as a rule, the part having the Second or Fourth Species will enter on the third beat of the first measure, and the part having the Third Species will enter on the second beat of the first measure

79b.

C.F.

In general the rules already given will govern the movement of each voice. The following suggestions will be found helpful.

When the voices are moving in any species other than the first, the lowest moving voice is to be regarded (after the first beat of the measure) as the real Bass of the voice moving above it. For example: in three-voiced writing, suppose the Cantus in the Bass, the Second Species in the Tenor, and the Third Species in the Soprano. On the second half of each measure the Soprano must be written with reference to the Tenor as its real Bass. In Fig. 80*a, b*, if the Bass were omitted, the two upper parts would be correctly written for two-part Counterpoint, only it must be remembered that the interval of the fourth is allowed between upper parts just as before. Fig. 80*b*, first chord.

80. *a.* *b.* Fux. etc. C.F.

In this example at *a* the G and B are both dissonant with the Bass but are consonant with each other. So also at *b* the F and D are dissonant with the Bass.

All the notes struck at the same time must be consonant. In Fig. 81 in the first and second measures this rule is observed. The dissonance at N.B. in the third measure comes under the following:

If two voices are moving in **contrary motion by degrees** they may take dissonant tones. The student should not abuse this privilege.

81. SAUNDERS. N.B. C.F.

We may write two moving parts in contrary motion by degrees until they reach a consonance. Fig. 82*a*.

When writing two moving parts one part may take Harmony tones by leaps while the other part takes passing tones by degrees. But the part that moves by skips must not leap to a tone which is dissonant with the passing tone. In Fig. 82*b* the second note is wrong while the fourth is right.

82.

When writing a Counterpoint of the Fourth Species in an upper voice against a Counterpoint of the second Species in the Bass, it frequently happens that although the dissonance resolves regularly down one degree the resolution chord may be changed by the motion of the Bass. This is entirely correct.

83.

In combining the different Species, especially when the Fifth Species is used, it is always best that there be motion somewhere all the time. For instance, when the Fifth Species is written against itself or against other species, if one voice has a long note some other voice should have at the same time short notes. But we must avoid constant motion in all the parts.

When the Fifth Species is combined with others we may use a dotted half note at the beginning of the measure and even a dotted quarter on the third quarter of the measure. It is also possible to introduce a whole note at times, especially if it is tied to the following note.

When Species are combined, a change of harmony within the measure is of very frequent occurrence and no attempt need be made to avoid it.

If an eighth note is used against a quarter, it should be consonant with it. Fig. 84.

84. Bad.

The following are models of Counterpoints in three and four parts, the various species being combined in different ways.

The student should write a large number of exercises combining the different species in both three and four voices. He should also review carefully the rules for writing each Species before writing any given combination.

The following though written by an acknowledged authority is far from being a model.

Fux.

First system of musical notation, measures 1-6. The treble clef part is marked "C.F." and contains a melodic line with eighth notes. The bass clef part contains a simple harmonic accompaniment of quarter notes.

Second system of musical notation, measures 7-8. The treble clef part continues the melodic line. The bass clef part shows a repeated figure of quarter notes, which the text identifies as a defect.

The absence of passing tones in the Bass, and the repeated figure, measures 7-8, are defects.

Third system of musical notation, measures 9-12. The treble clef part has a melodic line with eighth notes. The bass clef part is marked "C.F." and contains a melodic line with eighth notes, providing a more active bass line.

Fourth system of musical notation, measures 13-16. The treble clef part continues the melodic line. The bass clef part is marked "C.F." and contains a melodic line with eighth notes, continuing the improved bass line.

Fifth system of musical notation, measures 17-20. The treble clef part continues the melodic line. The bass clef part is marked "C.F." and contains a melodic line with eighth notes, concluding the piece.

SAUNDERS.

First system of musical notation for Saunders. It consists of a grand staff with a treble clef on the upper staff and a bass clef on the lower staff. The key signature has one sharp (F#). The upper staff contains a melodic line with eighth and sixteenth notes, while the lower staff contains a bass line with quarter notes. The label "C.F." is positioned below the bass staff.

C.F.

Second system of musical notation for Saunders. It continues the grand staff from the first system. The upper staff features more complex rhythmic patterns, including some beamed sixteenth notes. The lower staff continues with quarter notes. The label "N.B." is placed above the bass staff.

N.B.

CHERUBINI.

First system of musical notation for Cherubini. It consists of a grand staff with a treble clef on the upper staff and a bass clef on the lower staff. The key signature has one sharp (F#). The upper staff contains a melodic line with quarter notes, and the lower staff contains a bass line with quarter notes. The label "C.F." is positioned below the bass staff.

C.F.

Second system of musical notation for Cherubini. It continues the grand staff from the first system. The upper staff features a melodic line with quarter notes, and the lower staff continues with quarter notes.

Third system of musical notation for Cherubini. It continues the grand staff from the second system. The upper staff features a melodic line with quarter notes, and the lower staff continues with quarter notes. The system concludes with a double bar line.

The student should not imitate the crossing of the Bass by the Tenor.

FUX.

Musical score for the first system, labeled "FUX." and "C.F.". It consists of two staves: a treble clef staff and a bass clef staff. The treble staff contains a series of eighth and sixteenth notes, while the bass staff contains a series of quarter notes with slurs. The key signature has one flat (B-flat).

Musical score for the second system, continuing the piece. It consists of two staves: a treble clef staff and a bass clef staff. The treble staff contains a series of eighth and sixteenth notes, while the bass staff contains a series of quarter notes with slurs. The key signature has one flat (B-flat).

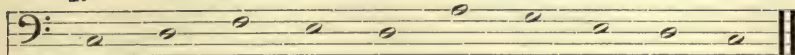
BRIDGE.

Musical score for the third system, labeled "BRIDGE." and "C.F.". It consists of two staves: a treble clef staff and a bass clef staff. The treble staff contains a series of eighth and sixteenth notes, while the bass staff contains a series of quarter notes with slurs. The key signature has two sharps (F# and C#). There are two "N.B." annotations in the bass staff. The first "N.B." is above a measure with an "x" above it. The second "N.B." is above a measure with a sharp sign above it.

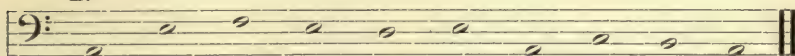
Musical score for the fourth system, continuing the bridge. It consists of two staves: a treble clef staff and a bass clef staff. The treble staff contains a series of eighth and sixteenth notes, while the bass staff contains a series of quarter notes with slurs. The key signature has two sharps (F# and C#). There is one "N.B." annotation in the bass staff above a measure with a sharp sign above it.

CANTUS FIRMI FOR EXERCISES.

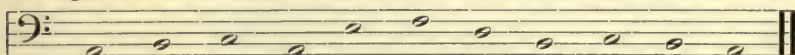
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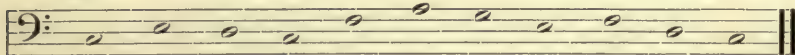
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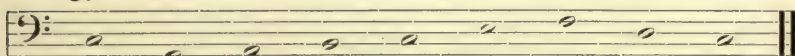
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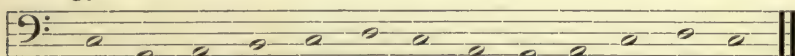
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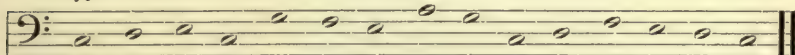
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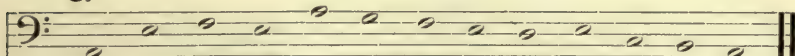
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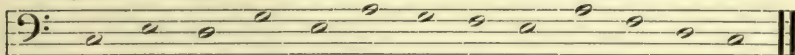
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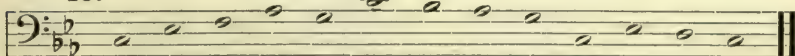
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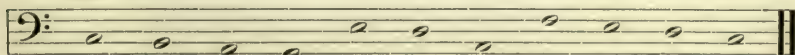
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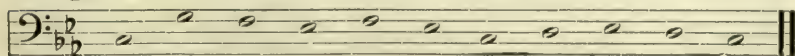
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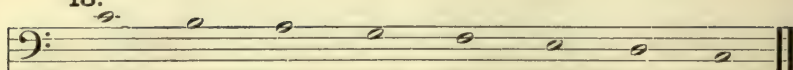
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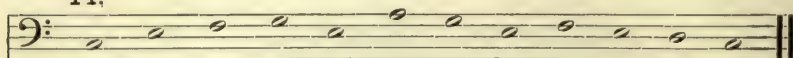
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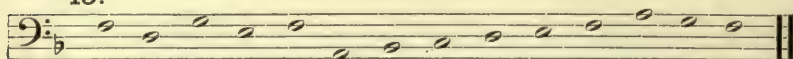
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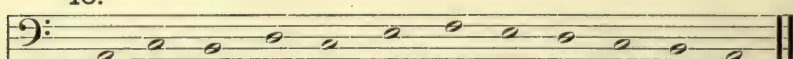
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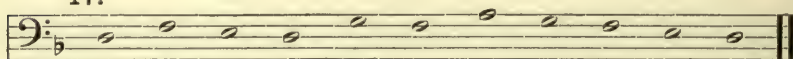
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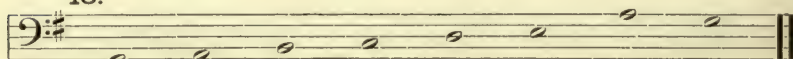
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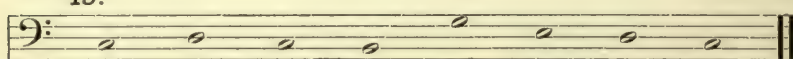
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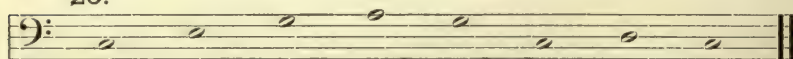
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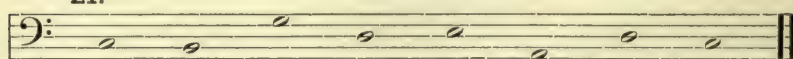
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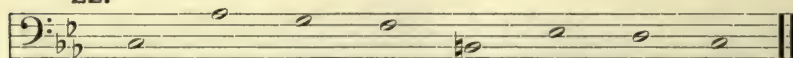
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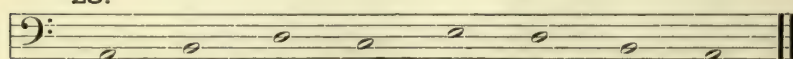
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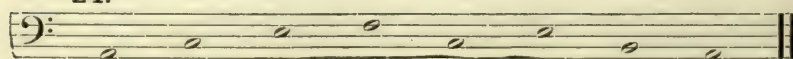
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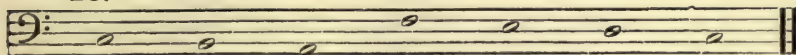
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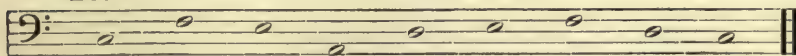
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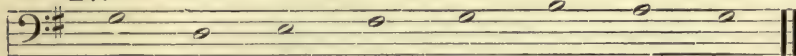
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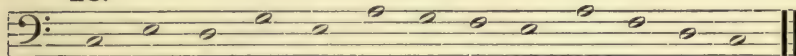
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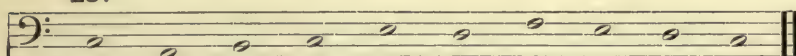
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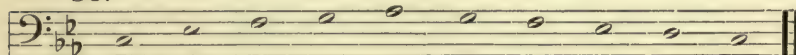
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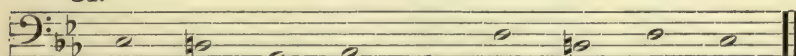
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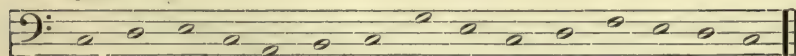
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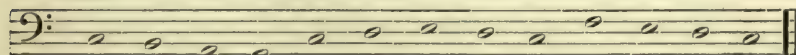
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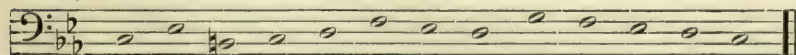
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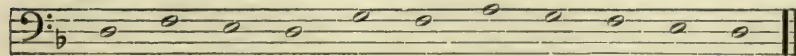
33.



34.



35.



CHAPTER XV.

FREE COUNTERPOINT.

Up to this point we have studied the style of Counterpoint usually called Strict Counterpoint. It has also been variously called Ancient Counterpoint, Pre-harmonic Counterpoint, and Students' Counterpoint. These names are given it to distinguish it from that style of Counterpoint called Free, Modern, Post-harmonic or Composers' Counterpoint.

Broadly speaking, Strict Counterpoint was the only kind of composition known and practiced until about the year 1600. From that time until the present, the development of the art of composition and especially the growing importance of Harmony gradually produced a complete change in the point of view of musical composers. Thus far, following the historical order, we have studied Counterpoint exclusively from a **melodic** standpoint; references to chords and to chord progressions have been rare and the chords used have been of the simplest construction; dissonances have been allowed only as passing tones and as suspensions. In Modern or Free Counterpoint, on the other hand, any chord used in Harmony is available for use, dissonances enter without preparation, and are used with irregular and with interrupted resolutions; chord progression determines to a great extent the voice progression. The student, however, must remember that he is still studying Counterpoint. The development of Harmony has given us new material for use and given us much greater freedom, but we are still building melodies on melodies and not, as in the study of Harmony, studying chord progressions as such, or the harmonization of a single melody.

All the rules of Harmony that regard progression of voices, such as the rules regarding consecutive fifths and octaves, passing tones, the preparation and resolution of suspensions, etc., are in reality rules of Counterpoint.

Free Counterpoint may, of course, be written in any number of parts, but great freedom as to omission or doubling of parts is allowed, the number of voices may be changed during the composition and the Counterpoint may change from one voice to another.

In the First Species of four-voiced Free Counterpoint we find little difference from the writing of Harmony in four parts, the chief difference being that we concern ourselves more with the movement of each voice; but it differs greatly from Strict Counterpoint since **all the chords** that were forbidden in Strict Counterpoint — with the exception of the VII_a° , the diminished chord on the leading tone — **are now available for use.** Thus the C-position chord, $(\frac{6}{4})$ the chords with the augmented fifth, the chords of the seventh, ninth, eleventh, and thirteenth, chromatic and mixed chords are all allowed.

As in the study of Harmony we found that these chords are the exception and that they are much less frequently used, so in Free Counterpoint we find the same to be true, but to a greater extent for the following reason. Dissonant chords imply dissonant intervals, as augmented 2ds, 4ths, 5ths, diminished 5ths, 7ths, etc. Now dissonant intervals are exactly those that are least suited to smooth flowing melody, and so long as a smooth flowing melodic progression is our object, the use of these intervals and chords will be exceptional. Dissonant intervals, too, require a certain prescribed progression, but this very fact limits the freedom of the movement of the voices. Thus the use of dissonant chords tends to introduce unmelodic progressions and at the same time interferes with the movement of the voices. For these reasons it will be understood that although the dissonant chords may be used freely wherever there is a good opportunity, such opportunities are not of very common occurrence.

There is one very important exception to the above: **the V_7 chord** although forbidden in Strict Counterpoint, is used in Free Counterpoint with as great freedom as in Harmony, — in fact, **it is used practically as if it were a consonant chord.**

In Free Counterpoint, First Species, we shall also find that our liberty is somewhat less as to the possible progression of chords. In Strict Counterpoint, theoretically, any chord may go to any other. In Free Counterpoint, the feeling for harmonic progression is much stronger, and the **Natural or Normal Progression** of the chords — with the same liberties that were allowed in Harmony — **becomes the basis of our writing.**

One of the first rules in Harmony, namely, that tones common to two chords should remain in the same voice, does not hold in Free Counterpoint. Except when a chord is repeated, **a tone that is common to two chords should, if possible, be taken by different voices.**

Let the student now refer to page 101 and compare the examples there given with the following. He will notice in each the same care in the movement of the voices, but much greater freedom as to the chords used in the examples of Free Counterpoint than in the other. The illustration by Mendelssohn is for four **vocal** parts and is the better model for the student to follow. The one by Saint-Saëns is written for orchestra and is an extreme example of the use of dissonant chords, and chords foreign to the key. The few irregularities in voice progression, for example in measures 5-6, the student can readily explain for himself.

MENDELSSOHN.

The first system consists of two staves. The upper staff is in treble clef with a key signature of one sharp (F#). It contains a sequence of notes: G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4, B3, A3, G3, F#3, E3, D3, C3. The lower staff is in bass clef with the same key signature. It contains notes: G3, F#3, E3, D3, C3, B2, A2, G2, F#2, E2, D2, C2, B1, A1, G1, F#1, E1, D1, C1.

SAINT-SAËNS.

The second system consists of two staves. The upper staff is in treble clef with a common time signature (C). It contains notes: G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4, B3, A3, G3, F#3, E3, D3, C3. The lower staff is in bass clef with a common time signature. It contains notes: G3, F#3, E3, D3, C3, B2, A2, G2, F#2, E2, D2, C2, B1, A1, G1, F#1, E1, D1, C1.

The third system consists of two staves. The upper staff is in treble clef with a common time signature. It contains notes: G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4, B3, A3, G3, F#3, E3, D3, C3. The lower staff is in bass clef with a common time signature. It contains notes: G3, F#3, E3, D3, C3, B2, A2, G2, F#2, E2, D2, C2, B1, A1, G1, F#1, E1, D1, C1.

The fourth system consists of two staves. The upper staff is in treble clef with a common time signature. It contains notes: G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4, C4, B3, A3, G3, F#3, E3, D3, C3. The lower staff is in bass clef with a common time signature. It contains notes: G3, F#3, E3, D3, C3, B2, A2, G2, F#2, E2, D2, C2, B1, A1, G1, F#1, E1, D1, C1. The system ends with the word "etc." and a fermata over the final notes.

In the Second, as well as in the following Species, the prohibition of **more than one harmony in a measure** is largely removed. Progressions like the following are entirely correct:

85. *a.*

I IV_c I I_c V₇ I II vii⁰ I I vi III^b

The doubling of the third of a major chord, especially when the chord is in the *b* position ($\frac{3}{3}$) is to be more carefully avoided, and the doubling of the leading tone is strictly forbidden in less than five parts. Much more freedom is allowed in the repetition of notes, and such repetition (as we shall see in the Fourth Species), is at times even desirable. The following is good; also the second and third measure of Fig. 86*a*.

b.

It is also possible to use passing tones on the accented part of the measure instead of reserving them strictly for the weak beat as in Strict Counterpoint. As at *a*, Fig. 86.

86. *a.* *b.* *c.*

It is even possible to take the accented dissonance by a leap as at *b*, Fig. 86. In the use of chromatic dissonances as at *b*, Fig. 86, third measure, there is no effect of cross relation. Such progressions would not be tolerated for a moment in Strict Counterpoint.

The dissonance on the unaccented beat may be taken by a leap, but, if so, it must be resolved by a step of a second. Fig. 86*d*.

d.

In the Third Species of Free Counterpoint the liberties allowed in the use of dissonant passing tones in the Second Species are still further increased. Chromatic passing tones are used freely; however, it is best after using a step of a minor second to progress onward in the same direction, and after two consecutive minor seconds the part must proceed onward by minor seconds until a harmony tone is reached. Thus:

87. Good. Bad. Bad. Good. Good.

An accented dissonant tone may be prepared like a suspension. Fig. 88 (*a*). It may be anticipated, i. e., taken as a consonant tone and then struck again as a dissonance (*b*). It may resolve regularly like a suspension (*a*), or unlike that, it may move to any tone of the following chord (*c*). It may leap to the tone above or below the note of resolution before taking the latter (*d*). It may appear with the note of resolution provided it is at the interval of at least an octave (*e*). As the V_7 is here practically a consonant chord, a dissonant tone may resolve to the seventh itself (*f*) or to some other tone of the V chord the same as to a consonance (*g*). Compare Fig. 88*e*.

88.

The musical score for Fig. 89 consists of two staves. The upper staff is in treble clef and contains a melodic line with dynamics *f.*, *g.*, and *+*. The lower staff is in bass clef and contains a bass line with various chords and accidentals, including a sharp sign (#) and a double bar line with repeat dots.

Augmented intervals and diminished intervals used melodically are allowed in Free Counterpoint, the augmented second and augmented fourth and the diminished fifth and diminished seventh being the most frequent. These intervals are more commonly found when they can be formed of tones that lie in the scale, either in the major scale (as augmented fourth and diminished fifth) or in the minor scale (as augmented second, diminished fourth and diminished seventh). When they occur as chromatic intervals the dissonant interval is usually brought about by the part leaping to a tone used as a dissonant passing tone or appoggiatura. Fig. 89.

The musical score for Fig. 89 consists of two staves. The upper staff is in treble clef and contains a melodic line with various intervals and accidentals. The lower staff is in bass clef and contains a bass line with various chords and accidentals, including a sharp sign (#) and a double bar line with repeat dots.

The following may be used as a model in two-part writing, Second Species. The example, page 134 by Mendelssohn may be regarded as a model of four-part writing in the First Species.

BACH.

etc.

In writing in more than two parts it will be well for the student to place the Counterpoint now in one voice and now in another as in the following short illustration :

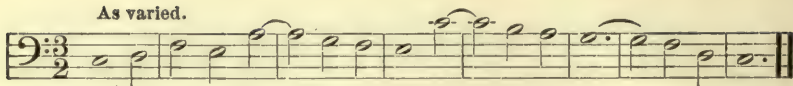
C.F.

90.

It is also allowed to vary the Cantus rhythmically. The following illustrations from Richter show how a Cantus originally written entirely in whole notes may be varied rhythmically, thus giving rise to much more interesting Counterpoint.

Original.

As varied.



In First, Second and Fourth Species, Two parts.

Third Species, Two parts.

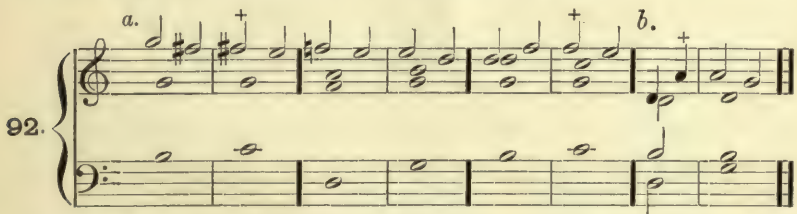
CHAPTER XVI.

FREE COUNTERPOINT CONTINUED.

In the Fourth Species of Free Counterpoint, although the rule still holds good that forbids the preparation of a suspension by a note that is shorter than the dissonance, it is quite possible to evade this rule by simply repeating the note instead of tying it. Such use really belongs to the Fifth Species, but as the exception refers to the use of the suspension it is given here.



It is perfectly allowable in Free Counterpoint to prepare one dissonance by another, as for example, a passing tone. Fig. 92*a*, even taking the dissonance by a leap as at Fig. 92*b*.



In resolving, the suspended dissonance may go to any tone of the chord first and then return to its proper resolution tone. Thus :



The suspended tone may also leap a third to the tone a second above or below the tone of resolution and then proceed to its proper resolution tone. Thus :



This use also belongs rather to the Fifth Species than to the Fourth.

The following from Bach is a very instructive example of the use of irregular resolutions :

BACH.

In the Fifth Species of Free Counterpoint we at last reach actual composition as practised by the great masters. To be sure, a knowledge of this sort of writing does not yet equip the student for the writing of a modern composition. For this the study of Double and Triple Counterpoint, Imitation, Canon, Fugue, Musical Forms and the treatment of accompanying voices is necessary. But he will find many phrases and even whole passages in classical compositions for the composing of which a knowledge of Free Counterpoint, Fifth Species, is ample.

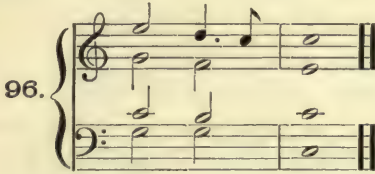
As the Fifth Species is but a combination of the other four species, the modifications of the rules of Strict Counterpoint already given cover nearly all the points necessary for writing Free Counterpoint of the Fifth Species.

The repetition of a complete chord, either consonant or dissonant, is allowed, not, of course, when variety is required, but for the sake of emphasis.

Similarly to the anticipation of a dissonance by a note of less value already spoken of, a consonant note may be anticipated by a shorter note. Thus :



The anticipatory tone is also available for use. Thus :

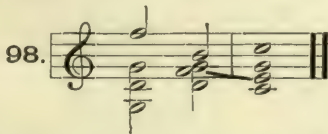


See also the ending of the example by Mendelssohn, page 134.

Two parts may proceed at the same time in passing notes by similar motion, a third or a sixth apart, and the former prohibition of more than three thirds or sixths no longer holds. Two parts may also take appoggiatura tones in a similar way. Fig. 97*a* and *b* shows examples of such passing and appoggiatura tones.



The use of discords makes it possible for the dissonant tone to move to some other tone of the chord, leaving to another voice the duty of resolving the dissonance. Such progressions would not be allowed in Strict Counterpoint. Fig. 98.



When a part moves continually through the tones of a chord, arpeggio fashion, the result can not be called Counterpoint, but if the chord tones are interspersed with non-harmonic tones the part approaches more nearly to the dignity of an independent voice instead of being merely an accompaniment. Whether we apply

the rules of Harmony or of Counterpoint to such progressions will depend entirely on the degree of independence the voice assumes. The following rule may assist the student in determining such cases :

When several parts work together to produce one idea, the result is Harmony and the rules of Harmony apply. When each of several parts conveys its own individual idea, the result is Counterpoint, and the rules of Counterpoint are to be observed.

The student should write a large number of exercises in Free Counterpoint, Fourth and Fifth Species, especially in four parts. The following illustrates the methods used by different composers in weaving together melodies :

PALESTRINA.

A musical score for Palestrina, consisting of two staves (treble and bass clefs). The music is in G major (one sharp) and features a complex polyphonic texture with multiple voices. The notation includes various rhythmic values and accidentals, illustrating counterpoint.

A musical score for Palestrina, consisting of two staves (treble and bass clefs). The music is in G major (one sharp) and features a complex polyphonic texture with multiple voices. The notation includes various rhythmic values and accidentals, illustrating counterpoint.

BACH.

A musical score for Bach, consisting of two staves (treble and bass clefs). The music is in G major (one sharp) and 3/4 time. It features a complex polyphonic texture with multiple voices, including a prominent melodic line in the right hand and a more active bass line.

The first system of music consists of two staves. The upper staff is in treble clef with a key signature of three sharps (F#, C#, G#) and a common time signature. It features a complex rhythmic pattern with eighth and sixteenth notes, often beamed together. The lower staff is in bass clef with the same key signature and time signature, providing a harmonic accompaniment with quarter and eighth notes.

The second system continues the piece with similar rhythmic complexity. The upper staff maintains the intricate melodic line with various rests and accidentals. The lower staff continues the accompaniment, showing some chromatic movement in the bass line.

GUILMANT.

The third system shows a change in key signature to one flat (Bb). The upper staff has a more melodic and flowing character with longer note values. The lower staff features a steady accompaniment with chords and moving bass lines.

The fourth system concludes the piece with a double bar line. The word "etc." is written to the right of the staff, indicating that the music continues. The notation in both staves is similar to the previous system, with a focus on harmonic support in the bass.

CHOPIN.

The fifth system is in common time (C) with a key signature of three sharps. It features a more rhythmic and dance-like quality. The upper staff has a prominent melodic line with some triplet markings (indicated by a '3' over a group of notes). The lower staff provides a rhythmic accompaniment with eighth and quarter notes.

A musical score for a piano exercise. The top staff is in treble clef with a key signature of three sharps (F#, C#, G#) and a 2/4 time signature. The bottom staff is in bass clef with the same key signature and time signature. The music consists of eighth and sixteenth notes. A double bar line is present at the end of the first measure in both staves, with the word "etc." written to the right of the bass staff.

A musical score for a piano exercise by D. Scarlatti. The top staff is in treble clef with a key signature of one flat (Bb) and a 12/8 time signature. The bottom staff is in bass clef with the same key signature and time signature. The music features a mix of eighth and sixteenth notes. The label "C.F." is written above the first measure of the top staff and below the first measure of the bottom staff. The name "D. SCARLATTI." is centered above the top staff. A diagonal line connects a note in the top staff to a note in the bottom staff.

A musical score for a piano exercise. The top staff is in treble clef with a key signature of one flat (Bb) and a 2/4 time signature. The bottom staff is in bass clef with the same key signature and time signature. The music includes a trill marked "tr" in the top staff. A double bar line is at the end of the first measure in both staves, with the word "etc." written to the right of the bass staff.

A musical score for a piano exercise by Beethoven. The top staff is in treble clef with a key signature of two flats (Bb, Eb) and a 2/4 time signature. The bottom staff is in bass clef with the same key signature and time signature. The music consists of quarter and eighth notes. The label "C.F." is written above the first measure of the top staff and below the first measure of the bottom staff. The name "BEETHOVEN." is centered above the top staff.

A musical score for a piano exercise. The top staff is in treble clef with a key signature of two flats (Bb, Eb) and a 2/4 time signature. The bottom staff is in bass clef with the same key signature and time signature. The music consists of quarter and eighth notes. The label "C.F." is written above the first measure of the top staff and below the first measure of the bottom staff.

Musical notation for the first system, featuring a treble and bass staff with counterpoint exercises. The bass staff is labeled "C.F." and includes the text "etc. to".

Musical notation for the second system, featuring a treble and bass staff with counterpoint exercises. The treble staff is labeled "C.F."

Musical notation for the third system, featuring a treble and bass staff with counterpoint exercises. The bass staff is labeled "C.F."

Musical notation for the fourth system, featuring a treble and bass staff with counterpoint exercises. The bass staff has an "8" marking.

Musical notation for the fifth system, featuring a treble and bass staff with counterpoint exercises. The treble staff is labeled "C.F." and "VON WEBER." The bass staff is labeled "C.F."

C.F.

C.F. C.F.

C.F. C.F.

C.F. SCHUMANN. C.F.

8 8 8

C.F.

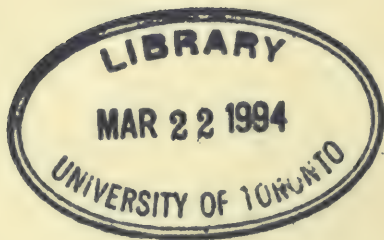
The example by Beethoven shows various treatments of a Cantus. First we have the Cantus in the upper part with Counterpoint mostly in First Species in the lower part. Then the Cantus is changed over to the lower part while the Counterpoint is above, first in the Fourth Species, then in the First, though in quarter notes. Next the Cantus is in the upper voice, but two new voices appear, making a Counterpoint in the Fourth Species. Next we have the Cantus lowest, the Tenor in Counterpoint of the First Species with it, the two upper voices in Fourth Species. In the next part we go back to two voices again, having the Counterpoint in the Third Species first below, and then above. It will be noticed that the Cantus is slightly changed when it is used in the lower voice.

APPENDIX.

In the foregoing chapters the Tonic Sol-Fa syllables have been used to a very limited extent. It is believed that their use facilitates clear thinking. Each syllable represents a distinct musical idea that can not so well be represented by any other name. Thus Doh means the Tonic tone of the major scale, the tone from which all other tones proceed, around which they circle and to which they return. "Tonic" means the chord based on the first tone of the scale. "C" means a certain number of vibrations per second. "First of the scale" may mean either Doh or Lah, or possibly if the old modes be used, any tone of the scale. "Second," "Third," etc., mean intervals. "One," "Two," "Three" etc., are ambiguous in the same way as "First" or "Second of the scale." The following table may be of assistance:

Te in the key of C is B.						
Lah	"	"	"	"	"	A. A# is Le.
Soh	"	"	"	"	"	G. G# is Se.
Fah	"	"	"	"	"	F. F# is Fe.
Me	"	"	"	"	"	E.
Ray	"	"	"	"	"	D. D# is Re.
Doh	"	"	"	"	"	C. C# is De.





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