sidered by their lordships. Julging from their experience in making the selvetions deputed to them, under the present arrangement, the council are satisfied that they would have to meet for this purpose ebery day for at least one month. This further devotion of lime could not be expected from tny such body. It would probably become necessary to have recourse to a paid delegation, and the duty must of necessuty be intristed only to such pernons as would require a very large fec for their eervice: : thus a large portion of the subacribel $s^{\prime}$ money would le diverted into a channel never contemplated by them, and in no way conducive to the advancement of art; and even then it would be quite ingosssible to avoind the imputation, if not the reality, of jolting, while the prarticular views entertained by those who select, nust inevitatly give a particular hias to all their selections however conscientiously made.
Beyond theac objections their lordshipss proposal, that prizeholders should select from the collection thus made (in the case of the priscipal prizes there could still be no choice), involves a delay of the proceetings so great as of itself to tnake the achenve seem inpractuenble.
The selection of the prizes would put into the hand of the council all the patronage attarhed to the ex penditure on works of fine art of 10,0001 . per annum, suppuping the number of subscribers to remain undiminisbed. It cannot he supposed that anything but a firm conviction of the inexpedieney of the meanure would lead them to decline the exercise of euch patronage. The great nim of the society is to extend a knowledge and love of art amongst all classes of the community, and Uhis, they feel assured, will be best advanced hy continuing to permit prizeholders to select works of art for themselven from the variour public exhilhitions of the dyy, in accordance with the principle on whicl the Art-Cnion of landon was eatablished, and which it is chartered to carry out."
The communication closed with a request for an interview, which was afterwarls granted; and on the 25 th a deputation from the council, comprising Iord Monteagle, Mr. Auldjo, Mr. Dold, M:P.. Mr. Donaldmon, Mr. Gas koin, Mr. G. Godwin, Mr. T. C. Harrison, Mr. Noble, Mr. Lewis Porock, Mr. Serjeant Thompson, and Mr. Zourh Troughton, attended the Right Ilon. Heary labouchere, Presilent of the Board of Trade, and pointed out further objections to the proposed cbanges. $M_{r_{1}}$ tabouchere snid that, in consequence of the representations made to him, he would abandon the proposed retention of 10 per cent. of the amount of the subscription, and would not interfere with the distribution of engravings. In renpect of the thiral and inore im. portant requirement - the slection of the prizes-he was not dispoself to gield the principle, and wished that the council should themselves make some modified propositionas, for example, that they would choose all the prizes above 701 , in value.
The council have since met, and, as a matter of course, have declined th make any proposition for a change in their constitution-- certisn to interfere greatly with the success of the association. It is to be hoped that the Blard wrill weigh well the representations which have been made to them, and (wise in time) leave the Art-Union in quiet to its welldoing. It was not to be expected, that they could know all the bearings of the question so well as the gentlemen who have been zealously
and disinterestedly labouring in ite administration for so many years, and they may jet retreat gracefully, if they will.*

ON THE GEOMETRICAL LINES AND OPTICAL CORRECTIONS OF THE GREEK ARCHITECTS. $\dagger$
I HAve been greatly fattered by the manner in which some of my friends here have expressed their desire, that I should bring before the Invitute the sulject which I have been endeavouring to pursue, in searching out the minute and beautiful curves which the refined minds of the Greek artists lell them to subscitute for the straight lines and circular forms with which the F -byptian, if I mistake not, before them, and the Romens and their followers, ufter thern. have heed cuntented.
I am afruid that 1 shall have kreas difficulty in putang the questinn into a bufficientiy perspicuous shape ; ntill as I am sacisfied shat the construction of the Greek temple (whicls within these wabls at leabt, whatever prudence might in certain quarters suggest, 1 dare to call the most perfect systern of design which architect' mind has ever conceised or work man's hand executed) must vill claim a worthy place in
rour estects. If am the less fearful of wearr. your esteetn. I am the less fearful of wearr.
ing you with the details and particulars which are necessary to leal the to the facts-small in size but not in meaning-which I have to
brimg before your notice. I would rish pantbring before your notice. I would rish pario
cularly to protest against any one measuring the importance of these results liv the rery small quantifien which they inrolve. They create the whole differe nce between ordinary, and scientific and artistic construction. I will also observe, that althougb the scrupulous aceu racy with which the ineasuremente which shall produce have been recorded may seem almost absurd to some, it will not appear so to those who have been so fortunate as to see the originale, and observe the perfection of the workmanship with which they are pus soge. ther, aod the. exceedingly happy preservation of many parta from the weather. which enalites measurements to be taken with precision in theze, where in many buildings ther could only be a matter of approxirastion. One advantage from the obtaining this rigid atcurary in the measurement of the temple and ata parth, I shall be able to state by-and-ly.
The last postulate I shall make is to bey you to allow me to une a deciral system of measures, as I have in these researches always done, which I shall briefly explaia.
1 use as my standard of measurement the English foot, and divide it into 100 parts. which I shall call cents;-and as this is small enough for almost every practical purpose ex. cept the curvatures of (ireek architecture, 1 shall not require any other name but cent: should it lee necessury to ro to more places of decimala, they may be stated thus-6.0.5i $=6$ feet $\overline{5}$ cents $\%$. With regard to the cents, it will create very little confusion for the present if those who are more accustomed to the duodecimal system will connider them as eighths of inches, to which they are in the proportion of 96 to 100 . Thus the guantity 210 may be easity solved into 2 inches und 3 -Eths, whicti is a near approximation.
Having said thus muel in the way of introduction, 1 will say a few worls with rour kind pernission (firyt apologising for, I ain ufraid, a onnewhat toofree mention of the first person.) on the manner in which I was led to the subject ! have the honour to bring before you this evening.
In the beginning of the jear $15+5$ I wav lecl to Athens by the same attraction which hav been felt by to many, and will, I trust, continue so to br. I had aniatroduction to Mr. Riedel, a Ba.
 subntemplatied it me mond of welection for the preseat rear.
 to be fiven to esch submerber. In sdarion to acopy of




 thee, they surely to
genernl mued ar
varian architect, resident at that time at Athens, who kindly accusnpanied use on my first risit to the Acropolis, and pointed out to me the peculiarities of construction of which I and about to upeak; it was the first time I had any intimation that there wan uny departure from ordinary line and rule work in thene buiddings, excepling a numour which I heard from our consul at Trieste, that there was numething very curious recently diecovered in the ancient buildings at Mhens.

These preculiarifies, which were then pointed out to me, were the conrexity of the mislohate on the four sides of the building. and the inclination of the columns towarda the centre of the buiding, thut is to may, on the cant front the axes of the columne incline in a westerly direction, and those of the went front easteris. Thuse on the north and south flanks, south and noirth rejerectively. It follows thut the angie culumns share the two inclimations: for in. manee, the north-ewst angle colunn inclace in direction mouth-wess.
This fact has been ascertaind some titne; it is given with considerable accuracy in that jart of the supplemen: to Stuart which was supplied by Mr. Jenkins. The exact amount. owing to the alight dimplacements which the buiding has suffered, is only to be obtained br a rlitigent survey of the whole building.
The observation of the convexity of the lines of the steps is more recent. I believe that one of our countrymen, Mr. John l'ennyhorne. whose listle pinnphiet on the subjec: ?ho doult some here have read, was the first who praid any discriminating attention to these lisues. use this phrase as they cannot but have in wome measure influenced our earlitr inverigators, as no one could ever have cual his eye along any portion of the upper memhers with out beini sensible of them. The lawer lines of the buidias were, as I underntand, quike encumbered with rubbish until the excarauons of the latt few rears. Any measures cutained by boning must have loen vitiated, and they have doultless given many a diligent meanurer a vast deal of trouble, and many have been the dimensione which have stood at dismal variance mith themselver, and been cast asille without being really to blame. In the same way a earlier astronomery have often unjusily blamed their instruments when the perturbations of the heavenly lrodies were really the cause of the incongruities.

Mr. Pennythorne was the furst to see in these an original intention and meaning: be bowever kept his knowledge to himself, and the world first heard of it through the cummuni. cation of Mr. Mlofer and Schawhert, German architects, to the Basocituag, in the year 183s. which very aumber was presented on our last meeting to the Institute.

1 have been, however, assured br Mr. Hiill. an Itnerican missionary, and now chaplain to the English Legation at Athens. that Mr. Pennythorne had communicased his ideas on the subject to him at teast a rear before.
It then (in lis3) was rery much struck, as all who have seen the Cireck buildings muat he. br the perfection of the workunanshap. and i took such levels and dimensions as 1 could with the iostruments I had with me. fur the purpose of ascertaining the armount and nature of these adjustments. And 1 arrived at a suf. frient degree of exactness to tosure myself that it was well worth while to go deefori intes the matter. I, however. at that time lin 1at: was not able to purtue the subject further, and I returned wo Ungland in the ausumn of that vear, and hau the pleasure of reading a pajer to this insticute on the observatione. such an they were, which I had made.

They attracted moore sennation shan I had any right to expect. and I reccived a frriposal from the Society of Diletanti. that if 1 wern willing to go out to Wheas. for the purpoue of taking tnore accurate observations. they wouid assist my operations with a suin of 11, buey. This myself with the necessarn itnolemenis. and inclued a young architect asun of Mr. E. Willson, of Lincoln, the well-know $n$ archatulogiat on accompany mes and wrived at Athens towards the end of October lasi year. I rus also so fortunate as to fell in company with Mr. Meyer, zswociate. whom I beg here to thank for his very kind and able assistance during the time he remained in thens.

The first thing which we artempted, as is

