

# MARQUET

*Les Elzévir de  
Théophile Beaudoire*



JOHN-PAUL KNOX

2004

# TITRAGE

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ABCDEFGHIJKLMNOPQRSTUVWXYZ  
ABCDEFGHIJKLMNOPQRSTUVWXYZ

ÉÈÊËĚĚĚ  
ÉÈÊËĚĚĚ

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# ROMAIN



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# ITALIQUE

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# EXPERT, &c.

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É È Ê Ë Ì Ï

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*f ff fi fl ffi ffl · f ff fi fl ffi ffl*  
*ct ft sh sb sk · ct st sh sb sk*

< « “ ‘ \* ’ ” » >

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1 2 3 4 5 6 7 8 9 0 / 1 2 3 4 5 6 7 8 9 0

# LA DIOPTRIQUE

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*Discours Premier.*

DE LA LUMIERE.

Toute la conduite de nostre vie depend de nos sens, entre lesquels celuy de la veüe estant le plus vniuersel & le plus noble, il n'y a point de doute que les inuentions qui seruent a augmenter sa puissance, ne soyent des plus vtils qui puissent estre. Et il est malaisé d'en trouuer aucune qui l'augmente dauantage que celle de ces merueilleuses lunettes qui, n'estant en vŕage que deouis peu, nous ont desia découuert de nouueaus astres dans le ciel, & d'autres nouueaus obiets dessus la terre, en plus grand nombre que ne sont ceus ques nous y auions veus aparauant: en forte que, portant nostre veüe beaucoup plus loin que n'auoit coustume d'aller l'imagination de nos peres, elles semblent nous auoir ouuert le chemin, pour paruenir a vne connoissance de la Nature beaucoup plus grande & plus parfaite qu'ils ne l'ont eue. Mais, a la honte de nos sciences, cete inuention, si vtile & si admirable, n'a premierement esté trouuee que par l'experience & la fortune.

Et on peut voir aussy fort clairement de ce que Pappus a mis au commencement de son septiesme liure, ou, après s'estre aresté quelque tems a denombrement tout ce qui auoit esté eŕcrit en Geometrie par ceux qui l'auoient precedé, il parle enfin d'une question qu'il dit que ny Euclide, ny Apollonius, ny aucun autre, n'auoient fceu entierement refoudre; & voycy fets mots<sup>a</sup>:

*Exemple  
tiré de  
Pappus.*

*Quem autem dicit (Apollonius) in tertio libro locum ad tres & quatuor lineas ab Euclide perfectum non esse, neque ipse perficere poterat, neque aliauis alius; sed neque paululum quid addere iis quae Euclides scripsit, per ea tantum conica quae vsque ad Euclidis tempora praemonstrata sunt, &c.*

*Le cite  
plutost la  
version latine  
que le texte grec,  
affin que  
chacun  
l'entende  
plus ayement.*

Et un peu après, il explique ainŕi quelle est cete question :

*At locus ad tres & quatuor lineas, in quo (Appollonius) magnifice se iactat & ostentat, nulla habita gratia ei qui prius scripserat, est huiusmodi. Si, positione datis tribus rectis lineis, ab vno & eodem puncto ad res lineas in datis angulis rectae lineae ducantur, & data sit proportio rectanguli contenti duabus ductis ad quadratum reliquae, punctum contingit positione datum solidum locum, hoc est vnam ex tribus conicis sectionibus. Et, si ad quatuor rectas lineas positione datas in datis angulis lineae ducantur, & rectanguli duabus ductis contenti ad contentum duabus reliquis proportio data sit, similiter punctum datam conicam sectionem positione continget.*

It is now some years since I detected how many were the false beliefs that I had from my earliest youth admitted as true, and how doubtful was everything I had since constructed on this basis; and from that time I was convinced that I must once for all seriously undertake to rid myself of all the opinions which I had formerly accepted, and commence to build anew from the foundation if I wanted to establish any firm and permanent structure in the sciences. But as this enterprise appeared to be a very great one, I waited until I had attained an age so mature that I could not hope that at any later date I should be better fitted to execute my design. This reason caused me to delay so long that I should feel that I was doing wrong were I to occupy in deliberation the time that yet remains to me for action. Today, then, since very opportunely for the plan I have in view I have delivered my mind from every

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