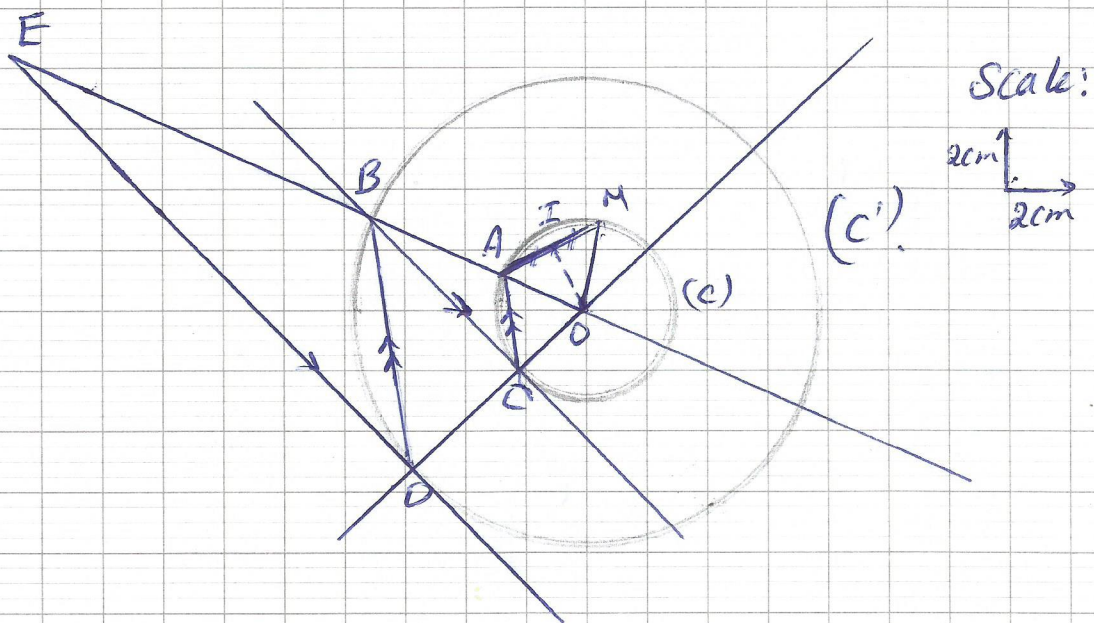


then,  $[OI]$  is a height relative to  $[AM]$  (median issued from main vertex of an iso.  $\Delta$ )  
 hence,  $\widehat{OIA} = 90^\circ$ .

now, we have pts  $A$  &  $O$  are fixed

Thus, as  $M$  varies on  $(C)$ ,  $I$  describes a circle of diameter  $[OA]$  and center midpt of  $[OA]$ .

Figure 1



Scale:  
 $\begin{matrix} \uparrow 2cm \\ \rightarrow 2cm \end{matrix}$