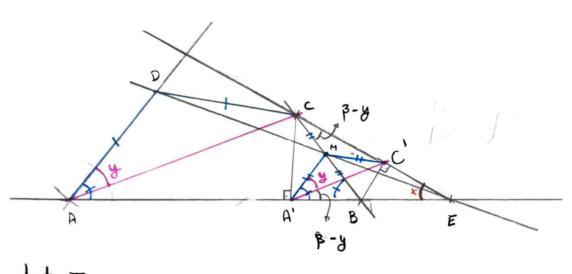
1305 lema 9 . (Geometria/Algis)



Let T be the Homotethy with center E that D - H. Let T(A) = A' & AE and T(C) = C' & CE.

Thus, LCAD = LC'A'M.

Also, L DAE = LMA'B = LMBA' =D MB = MA' => A'B'C'C Cyclic, with center M.

Thus, LBCC'= LBA'C'= LABC - LMA'C'.

Also, LABC = LBCC' + LBEC => LMA'C' = LBEC <CAD