· 2p-1 ta (34f) Let p be the 2p- V 2p<sup>-V</sup> aric of central foot of The perpendicular reflection V reflection. axis of The product Translate 2p-v by a gives 2p-v+a Midpt of 2p-v ta and Vis: Pri 2 (-> reflection thru pta. SPECIAL CASE: Dirution of translation 11 to axis of refluction. 2p-vea P D 20 V The product firms no point. when a = 0. - This can't be a sylution, refation & can't be a translation. Def: A GLIDE is a reflection in a line followed by a translation parallel to The line of refluction. GENERAL CASE: Writz a = bre when big perpendicular to The axis Cir parallel to it. prylation  $M_{\theta/2}(E_a(v)) = M_{\theta}(v) + q = (M_{\theta}(v) + b) + c$ byhid