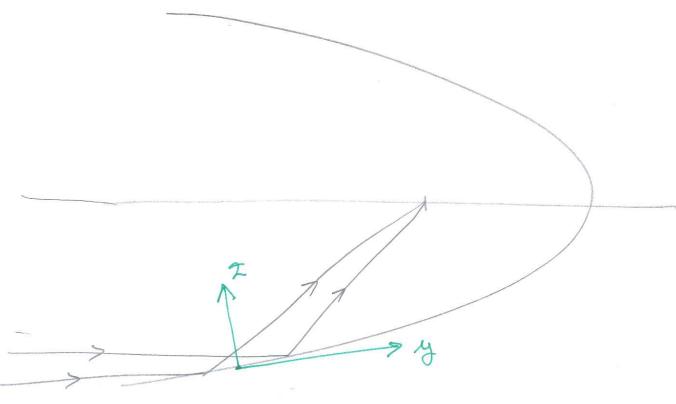
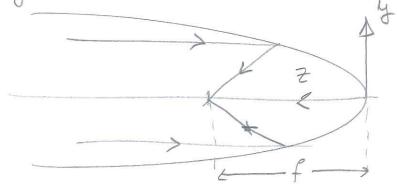
Parabolic mirror



if incident angle is zero

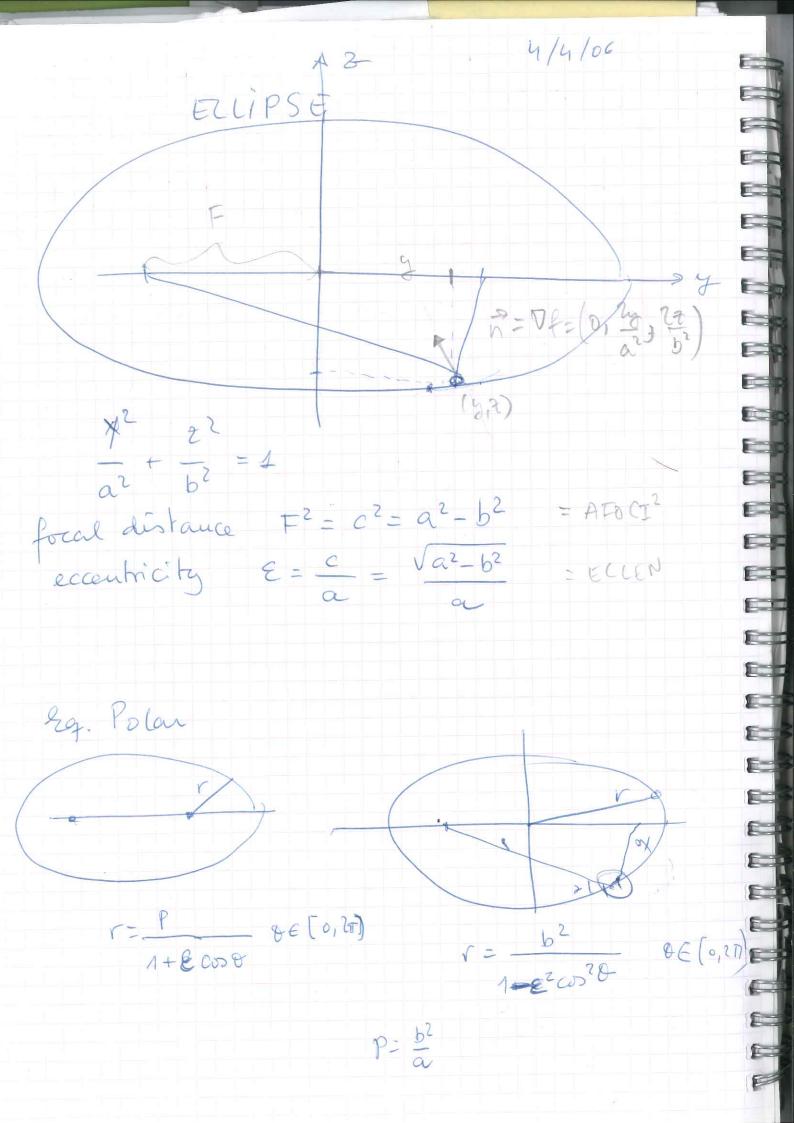


$$y^2 = 2pZ$$

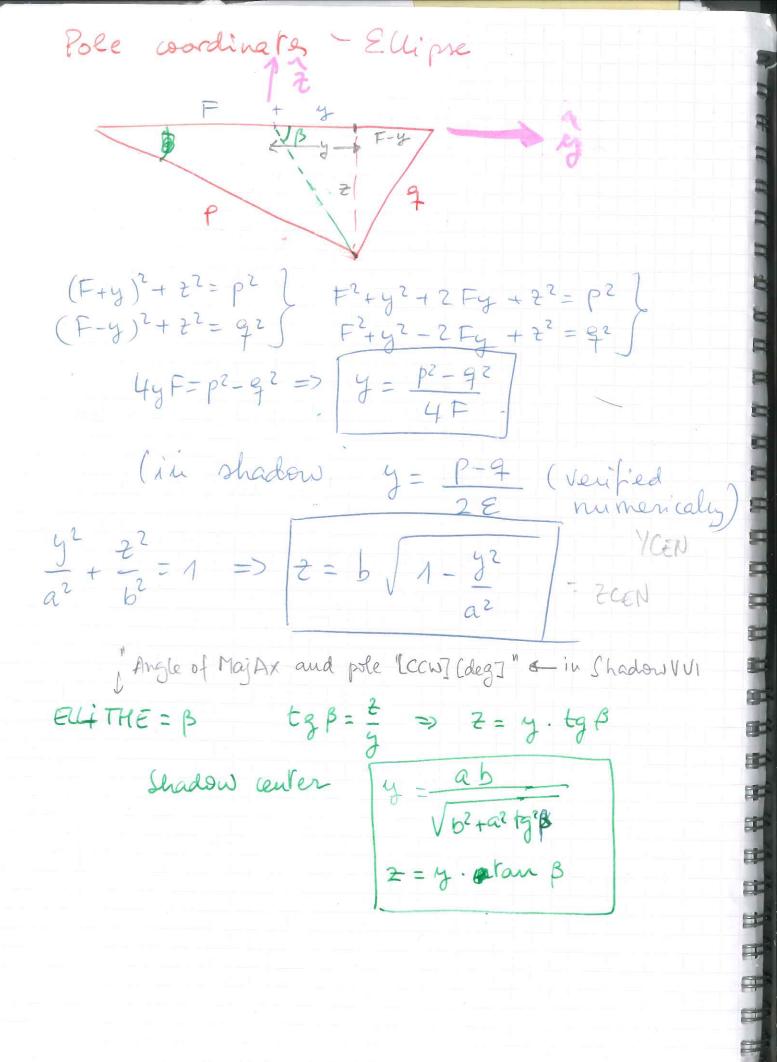
parameter

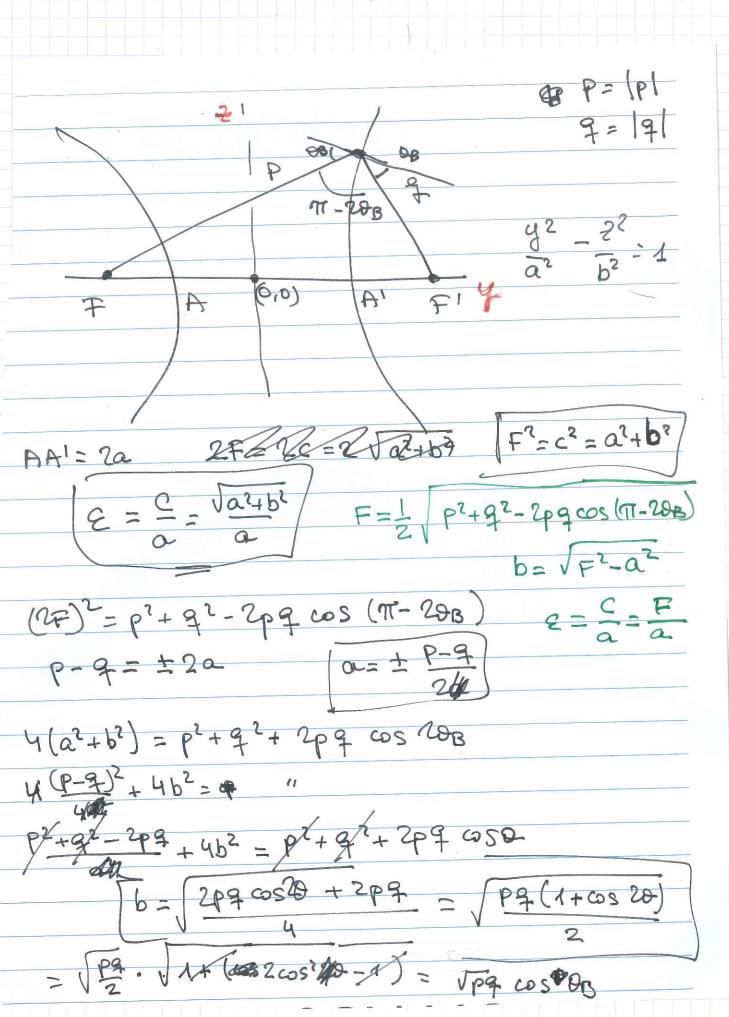
$$P = -\frac{1}{2} \frac{Cq}{C2}$$

= 2 f focal distance



Miror (2F)2= p2+ q2-2 pq & and cos (17-2x) P+9=2a -> a= P+9 -AXMAJ 2000 4 (a2-62) = p2+ q2+ 2pq cos 2x 4 (P+9)2 = p2+92+2pq cos 2x p2+g2+2pq-4b2=p2+g2+2pq cus 2d 2pg (1-cos2d) = 4b2 => b= [pq(1-cos2a) = (P9) 1-(cos2d-8im2d) = \[\frac{1}{2} \] \land \lan Jeg J28ivid => | b= Jpg. Sind = AXMIN





15/10/2008 HUPERBOLA (D24

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NOR NO NO NO 1 concave ellipre convex hyp cowex ~ * () 5 Cx2542+64 C1 y2 + C2 22 + C4 y2 + C7 y + C82 + C9 = 0 24 C2 22+ (Cyy+C8)2+ (Cyy+C7y+C9)=0 Z= -B+ JB2-4C2 C HYP -> focalize Plane + Sph + Ele us franze Probleus: = cocicset. pn F= = \(\p^2 + \q^2 = 2pq \cos 20 \text{8 Wtur?} - Blows a best focus #0 Reflectivity does not work?