

- 1) draw line AC with $C = (c,b)$ & $A = (-a,b)$ for $\{a,b,c\} > 0$
- 2) $C_1 =$ intersect hyperbola & ray OC
- 3) $A_1 =$ intersect horizontal ray from C_1 & ray OA
- 4) $X_2 =$ intersect hyperbola & circle with diameter A_1C_1
- 5) $X_1 =$ intersect vertical line through X_2 & diameter A_1C_1
- 6) $X = (x,b) =$ intersect ray OX_1 and line AC

$$p(x) = x^3 + a x^2 + b^2 x - b^2 c = 0$$

O