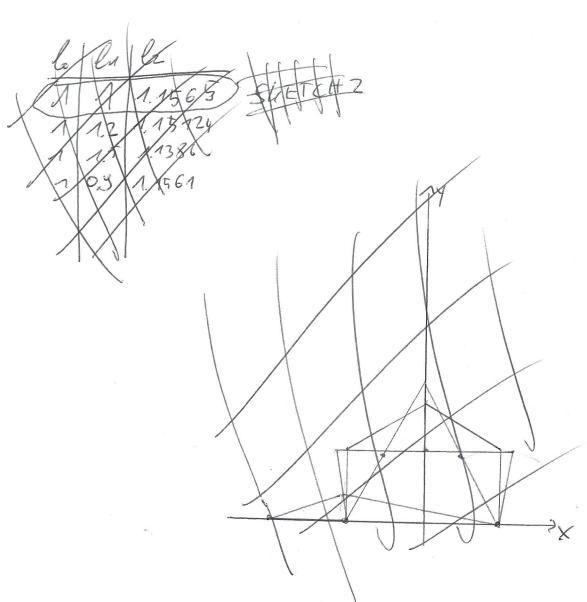
SUETCH 1 e, θ_{n} Po

Observation: . highest readuble point: y = \ (lote2)2 - 62 (X, y) = (O, (lote2)2-62) · lovest reachable point? Y= (2-(2-6)2) (x,y)=(0, [6,2-(6,2)2]) cos $\propto = \frac{\left(\frac{2}{2} + \left(\frac{1}{6} + \frac{1}{6} \right)^2 - \left(\frac{1}{6} + \frac{1}{6} \right)^2}{-2 \cdot \left(\frac{1}{6} + \frac{1}{6} \right) \cdot \frac{1}{2}}$ Cassuming that this is $\left(l_1 + l_0\right) - \left(x + \frac{l_0}{2}\right) = l_2 - Cos \lambda$ =) X= l+ 2 - l2 cosx $= l_1 + \frac{l_0}{2} + \frac{l_2^2 + (l_0 + l_1)^2 - (l_1 + l_2)^2}{2(l_0 + l_1)}$ $= \frac{3}{2} l_1 + l_0 + \frac{1}{2} \frac{l_2^2 + (l_1 + l_2)^2}{(l_0 + l_1)}$ Y=(l2-(l1+l0-X)2 =1/2-(2(l0-l1)+(l1+l2)2-l2)2

Naive assessment of the situation;

We want to admer a square that menythat we want the difference of the lighest endable point & the lovest centralle point to be equal to time the maximum displacement to the side

is a definite solution!



1 1 false 1 2 2.344 (1 1.5 1.3828) SKETCH Z 1 2.5 2.669 bodys of the opening liant?