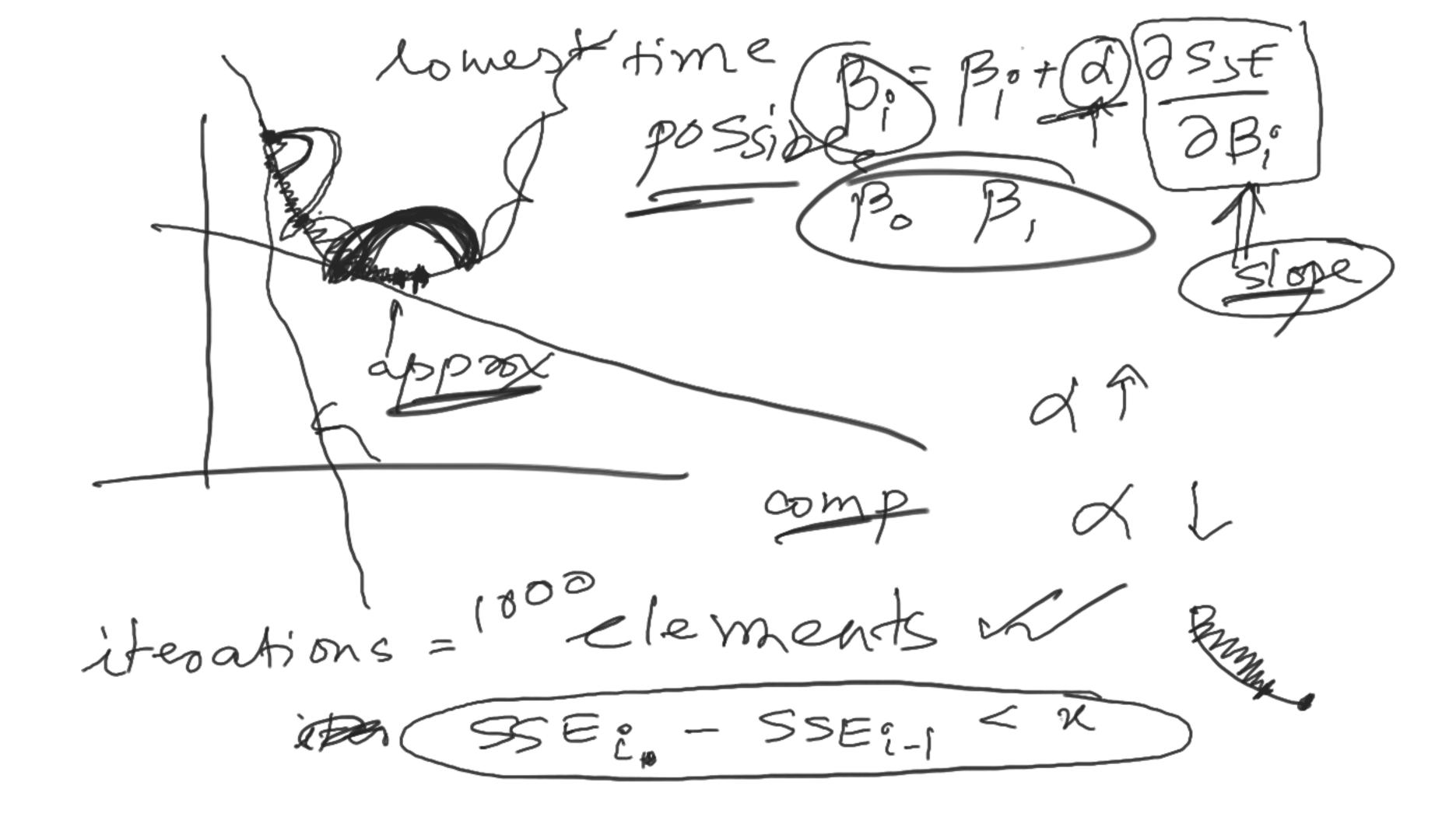
$$\frac{\partial SSE}{\partial \beta_{0}} = -\frac{1}{2}(y-\beta_{0}-\beta_{1}x) = 0$$

$$\frac{\partial SSE}{\partial \beta_{0}} = \frac{1}{2}(y-\beta_{0}-\beta_{1}x)$$

785E = eg1 = 0 2(y-Bo-B12) = 0 255E = e9 = 0 = 2 2 (y-Bo-Bin)=0 015/ Bo & B1 BotB, 2 = y 2 variable - X 150 variat 150 e qu'

750 29 19 B1-Bm 130



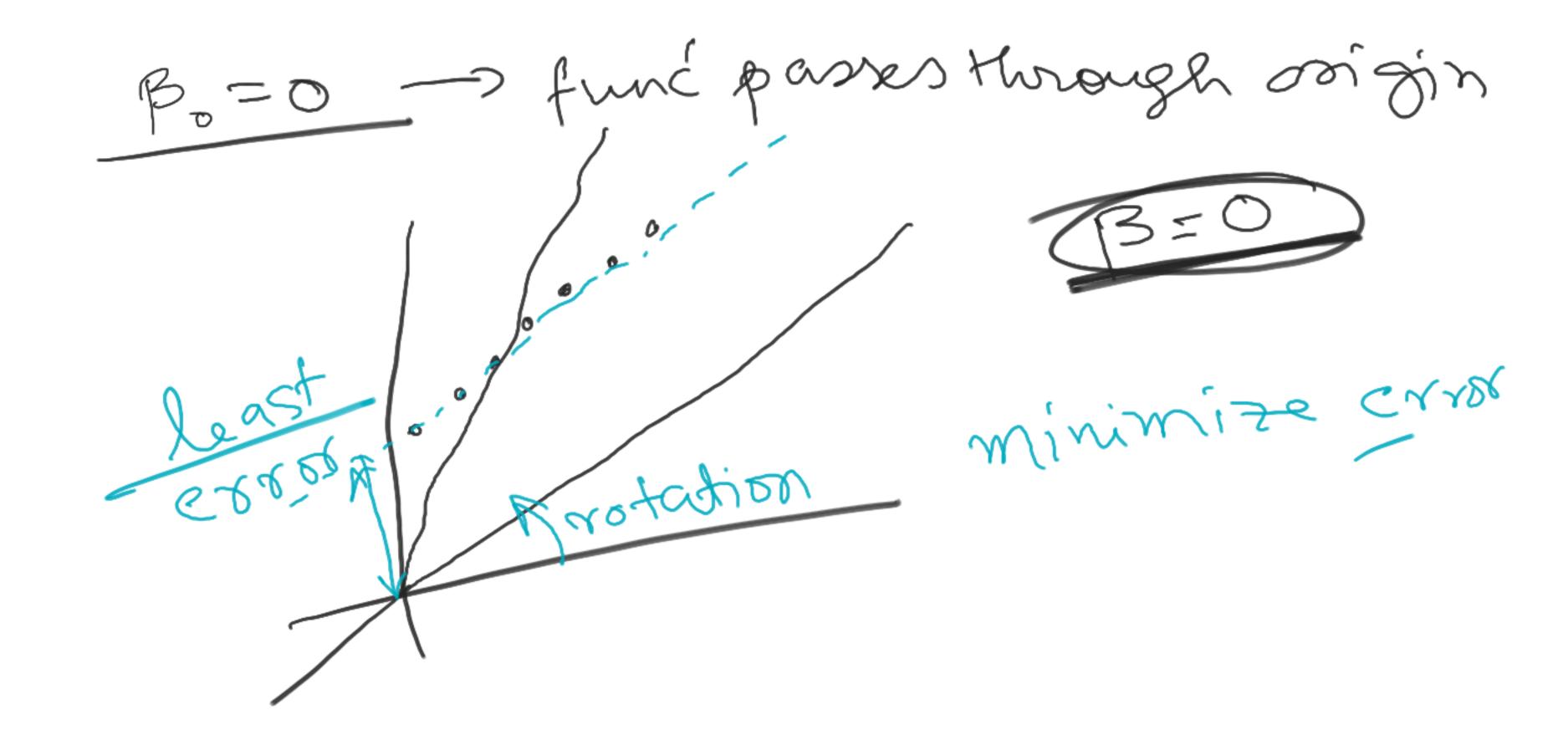
20000 comodal e 2800 = f (sin) homos

Ala ^ 9 S

ht, wf) hane sen

Sin J-MBO+BIX 10g 80,000 10 =1 Grided -> VIF

.



5alarey re ossorda (A) (

Top pers Limitertion) minise e 6 86 UR - proons under fiftig, small-sadget

normally 100 2 6,00,00 =

Metoic model DOWSE, MAPE RMSmean MSE. Comodes, MSE (no-boain, 7 mean MSE model ymear

MRR. Base mse 27000 120000 3761 A

Pot Bir, + B2x2)+ B3x3+ Bury B=-y--y+ (y+-y+)
B=-(y--y)+ (y+-y+) MSEMSE-MSEL MSEMSE-MSEL 0.92 R2'A

MSE) RMSE (y-ŷ) => Benalize
de viation 1 (5-1)2 EBD error

Benalize deviation

unit MSE -) Rs2 RMSE = RS avg salasy \$100 K Qurona \$100 \$99 K

aus 2 Diff of S (5-9)2 con plex