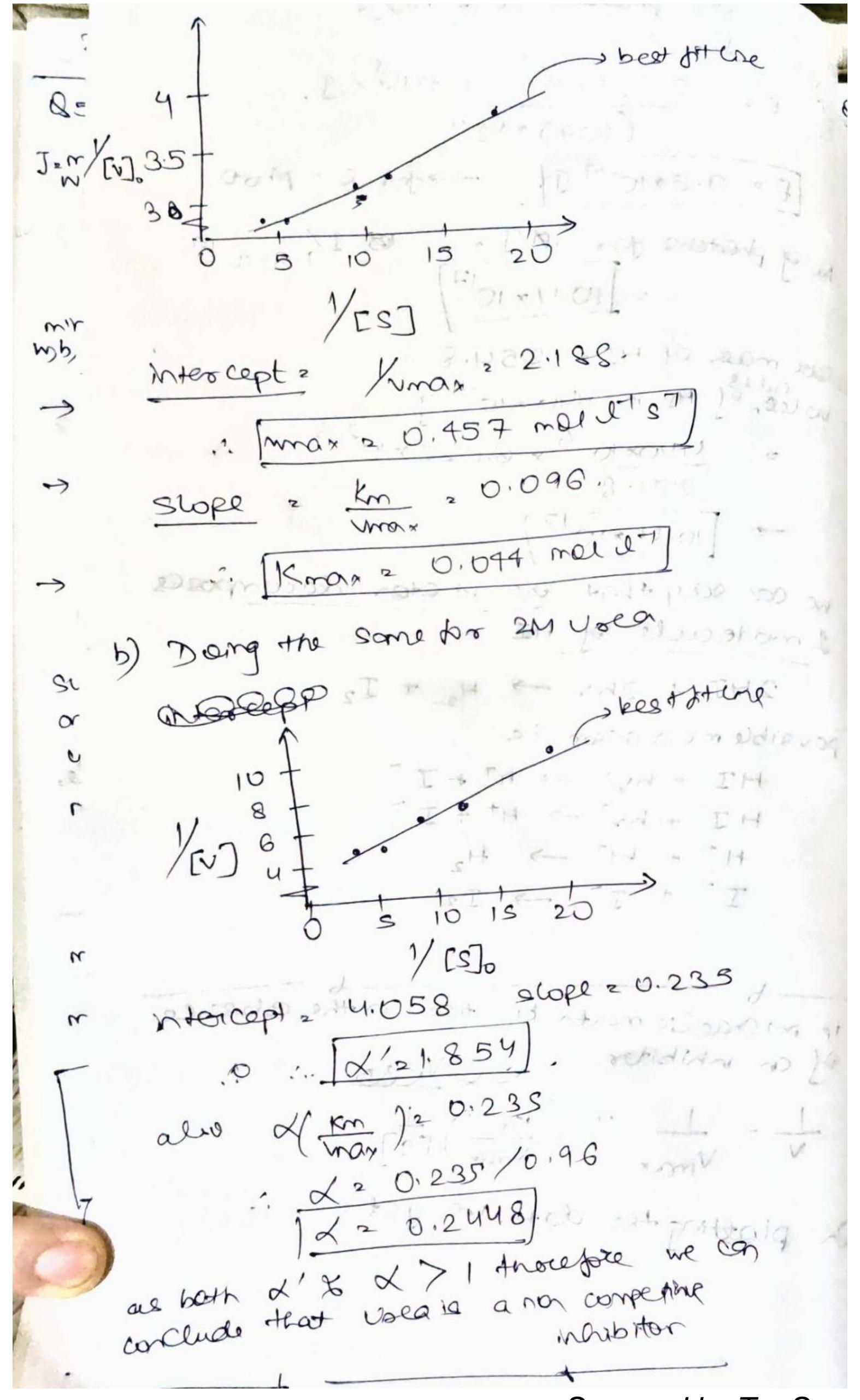
(1- Ka'[P] man given [S]>> [P]/CS] >0. Kb+ Ka' Scanned by TapScanner (82) For one photon E = hc/1 E = 6.626 × 10 × (3× 108) J (207) ×109 E. 0.0×10-19 J. -> dox one photo. No. of photons for 1832 1/9.6×10-19 = [10.4 × 1017] holan mass of HI = 254.8 9 .. welles HI in 440 × 10-6 9 440×10⁻⁶ × 6.022×10²³ 10. U × 10 7 .i. We can say that one photon decomposes I mo lecule of HI mis me de la fina (de 2HI+ 2h~ > H2 + I2 A possible me chanism is: HI + hV -> HT +I HI + ho -> H+ + I H+ + H+ -> H2
I- + I- -> I2 0[2] / In michaelis menter tivetics, in the absence of a whibitor T= T + (Km) [2] mon o On plotting the data, we get! and grow on a previous took couldnot roth dirana



Scanned by TapScanner

S4) a) Fpnoton 2 hc 2 6626×10 x 3×108 680 * 10-9 E. = 2.923×10-19 J. Kphoten = 2.923×10-19x B.022×10²³ J/Enstein [= 17.602 x 10]/ englein AH = 116 Kcal/mol = 116x4184 0/mal 2 48. 53×10 J/mel. : Lunimum no. of ensters of radiata sednessa per 1001 2.2.76 48.53 7,10 17.602 118 but meger .. Quantum yield & 2 No of seasont fromed no, of photons absurbed,