1.) N20462) 0 2 NO2

Ficha 6

 $K_{p} = \frac{\left(P_{N02}\right)^{2}}{\left(P_{N104}\right)} \in K_{p} = \frac{\left(P_{N02}\right)^{2}}{115 - P_{N02}}$

0,148×1,5-0,148 PNOZ = PNOZ

PNO2 + 0,148 PNO2 -0,222. = 0

22 + 0,1487 -0,,222=0

n=0,403 No epublico * Cossus

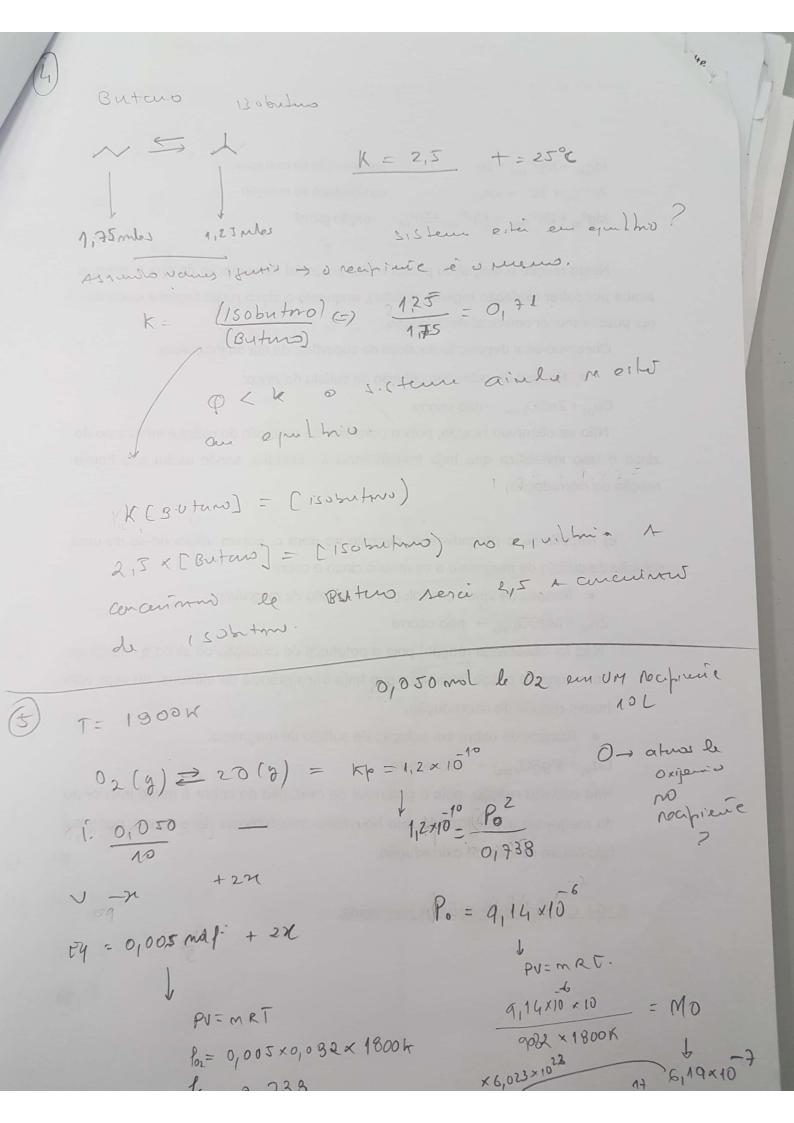
Parcial de Noz è 0,403 alm.

$$K_2 = \frac{1}{K_1}$$
 $K_2 = \frac{1}{6.5 \times 10^{12}}$
 $K_2 = 1.53 \times 10^{-12}$

Ke

$$\frac{2}{2(0,012-2)(0,036-32)^3}$$
 Peoblamy $\chi = 0.090$

$$KC = \frac{(0,0000)^2}{(0,012-0,0000)(0,036-3\times0,00000)^3} = 3,7\times10^4$$



$$990 = \frac{0,06}{(0,04)(y+0,06)}$$

(1)
$$N_2O_4 \implies 2NO_2$$

(1) $N_2O_4 \implies 2NO_2$

(0,4) = 0,2

(0,3) (0,3)

b)
$$P_{N204} = 0, 1 \text{ atm}$$
 $Solvalo que Kp = 0, 2$
 $Kp = \frac{22^2}{(0,1-2)}$
 $O_1 D_2 - 0, 2 M = 4 M^2$
 $4M^2 + 0, 2 M - 0, 02$
 $M = 0, 05$
 $M = 0, 05$

ni, monin leads inded log honored K = 200 \$602 (ag) + (O(d) = 4600 (44) + O2 (9) Posso paraid e co lyulo 4 (H5(0) -1 KP = PAGO POZ PHOOZ-PLO - Prosses Pancier le Or lyno A H b. MORTE PHOR TEORNER PHOR =1 PCO (MO AR) NECESAZIA Pana A lessoA Mornee 200 = 1 × 0,20 Pco = 1×10 atm