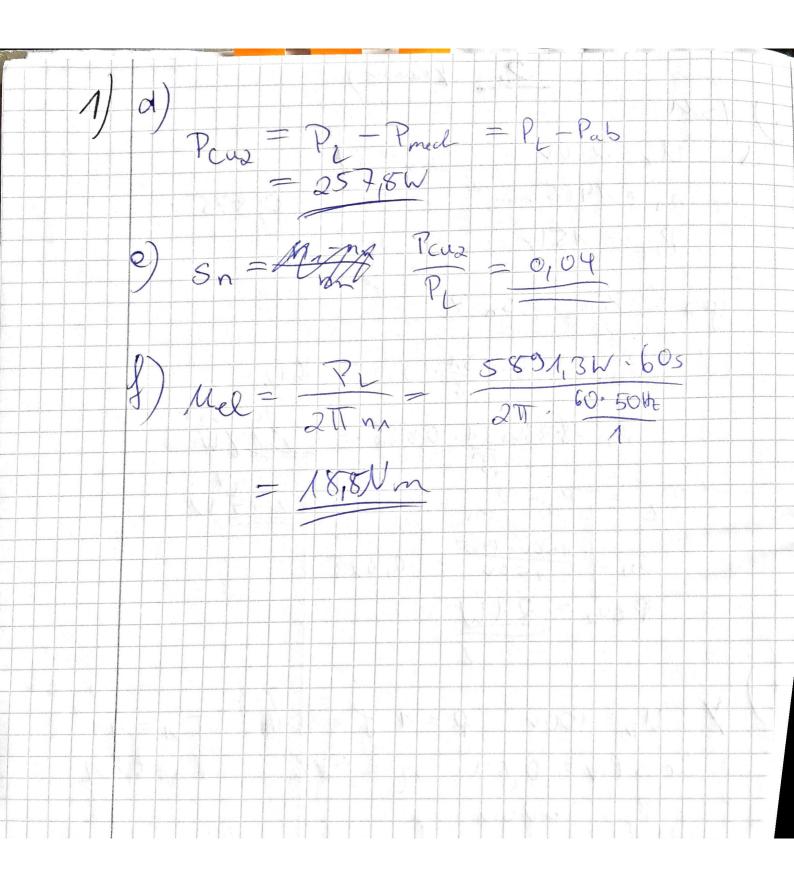
2. (Klauser) 3) 451 $U_{N} = 230V \qquad T_{N} = 3A$ $N_{N} = 1465 \text{ min}^{-1} \qquad COST = 0.875$ PFE = 154 R1 = 252 ges. Paux = Sn. PL Pan = 3. 34. 21 = 6W P = 3.230v34.0(875 = 60308 W PL = P1-Pm, -PFE = 58275 W $S_n = \frac{1500 - 1465}{1500} = 0,023$ Pcu2 = 24W 1) y UN=400V P=1 f=50 th In=11A R=0,82 Colv=0,54 n=65% PTE = 220W a) $P_1 = 3 \cdot V_{SN} + v_{N} \cdot cos + C$ $= 6.401, 7 \cdot V$ Prod = Pab = 7-P1 = 5633,5W Pan = 3. (MA)2. 0,82 = 290,4W PL = P1-Par - PPE = 5891,3 W



 $n_1 = \frac{60.50}{4} = 750$ nn = 750 (1-0,05) 10kW.60 27 712,5 =7125 = 134g Nm SKA, I By 2. Mx = SN + SX = SN SN SN SN = SN2 + SK2 $0 = s_{x}^{2} - o_{i}^{2} (s_{x} + o_{i}^{2})^{2}$ $5 \kappa_{1,2} = \frac{0.26}{2} + \sqrt{\frac{0.2c}{2}^2 - (0.05)^2}$ Skn = 0,01 SKSSN SK2 = 0,25 => | 5x = 0,25 MA = 0,25 + 0,25 0,25 + 0,25 · 134 N~ = 16 th Um

