WH SAMELT (+) 22.11.12 Crose $R_{1} = \frac{1}{120k}$ $R_{2} = \frac{1}{120k}$ $R_{3} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{4} = \frac{1}{100n}$ $R_{5} = \frac{1}{100n}$ $R_{6} = \frac{1}{100n}$ $R_{7} = \frac{1}{100n}$ $R_{8} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{4} = \frac{1}{100n}$ $R_{5} = \frac{1}{100n}$ $R_{6} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{4} = \frac{1}{100n}$ $R_{5} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{4} = \frac{1}{100n}$ $R_{5} = \frac{1}{100n}$ $R_{6} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{4} = \frac{1}{100n}$ $R_{5} = \frac{1}{100n}$ $R_{6} = \frac{1}{100n}$ $R_{7} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{4} = \frac{1}{100n}$ $R_{5} = \frac{1}{100n}$ $R_{6} = \frac{1}{100n}$ $R_{1} = \frac{1}{100n}$ $R_{2} = \frac{1}{100n}$ $R_{3} = \frac{1}{100n}$ $R_{4} = \frac{1}{100n}$ $R_{5} = \frac{1}{100n}$ Vu = Rellex ges 1.) AP v. Vu (fm) 2.) RA für Vu(fm) -20 3.) Pa lu fun Up= 12-18 UE= 1V Ica I in Ten = nk = nmA = nf = 2652 Ung = 12 - 15 = 1,57V =) In = 1 mA =) rf2 = 2612 Vu = Rella = 5k6/1RA = 20 5K6·BA = 3040 => 3040.5L6 + 3040RA = 5600RA 2560RA=3040.5600 => RA=6,65K-)6K8 Lange = Ce = 215 = 0, 125 V =) Vegy = 12 = 0,08 V $V_{\alpha} = 0.088 \text{ V} \cdot \frac{100}{100 + 52} = 57.89 \text{ mV}$ $P_{\alpha} = \frac{V_{\alpha}^2}{R_5} = 33.5 \text{ mW}$