On my honor, I neither give nor receive any unouthorized and for inappropriate assistance that by the school code, violation of these principles will lead to a zero grade and is subject to harsh discipline disciplinary issues, in

Hoseyin Kresen Micon 150M9629 Dans

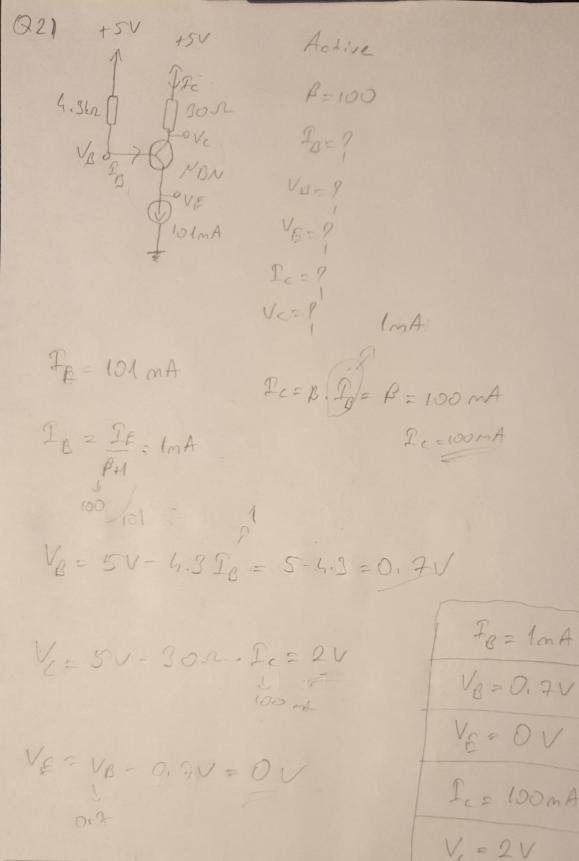
Active $\alpha = \beta$ 4.3 Let $\beta = 100$ $\beta = 100$ $\beta = 1$ TÜRKİYE CUMHURİYETİ KİMLİK KARTI REPUBLIC OF TÜRKEY IDENTİTİY CARD $\beta = 1$

FB= (B+1) 2 = 101 01 - 101 mA

 $\int_{C} = \beta \cdot \widehat{I}_{B}$ $\int_{B} = \widehat{I}_{C} = 0.14$ $\int_{B} = 5V - 4.3.\widehat{I}_{B} = 0.7V$ $\int_{C} = 0.7V$ $\int_{C} = 0.7V$

V= 20V VBE = 0.7V

1 = 0. 7V 1 = 1 mA 1 = 101 mA





$$f_{c} = \frac{5 - V_{c}}{96x} = \frac{5 - 0.2}{96} = \frac{5.02}{96} = 0.05 = 50 \text{ mA}$$

