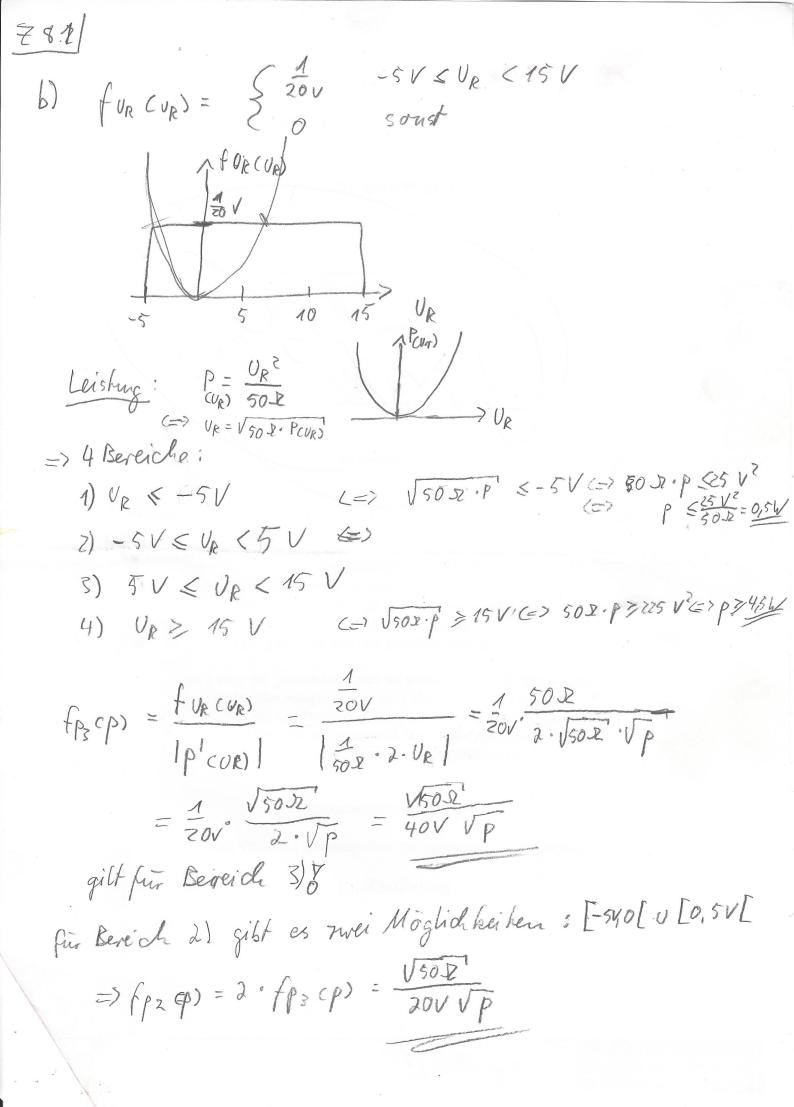
78.11

a) lineare Frankformation: Glading 8.14

$$V_R = g(V_1) = V_1 + 5V \implies V_R = V_1 + 5V \iff V_1 = 0_R - 5V$$
 $V_R = g(V_1) = V_1 + 5V \implies V_R = V_1 + 5V \iff V_2 = 0_R - 5V$
 $V_R = g(V_1) = V_1 + 5V \implies V_2 = V_2 + 5V \iff V_3 = 0_R + 0$



28.1 c) fur /PCUR)

-5V 5V 10V 15V UR

=> aus b): lows fpcp behannt => tempassing $fpcp) = \begin{cases} 0, & p < 0 \\ 0, & p > 4,5 \\ \hline \frac{\sqrt{50}x}{40v \cdot \sqrt{p}}, & 0$

Wie groß ist fpo?

Es gilt: Sfrp) dp = 1

also mit S V502 dp = 0.75

p=04 40V. Vp

=> Dirac - turpuls \$\frac{1}{4}\$ für \$P=0\$