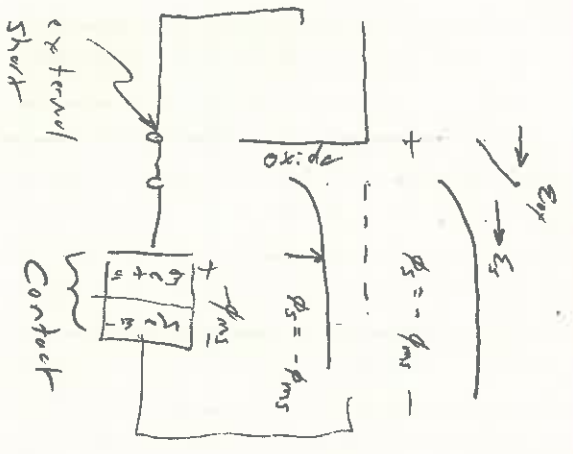
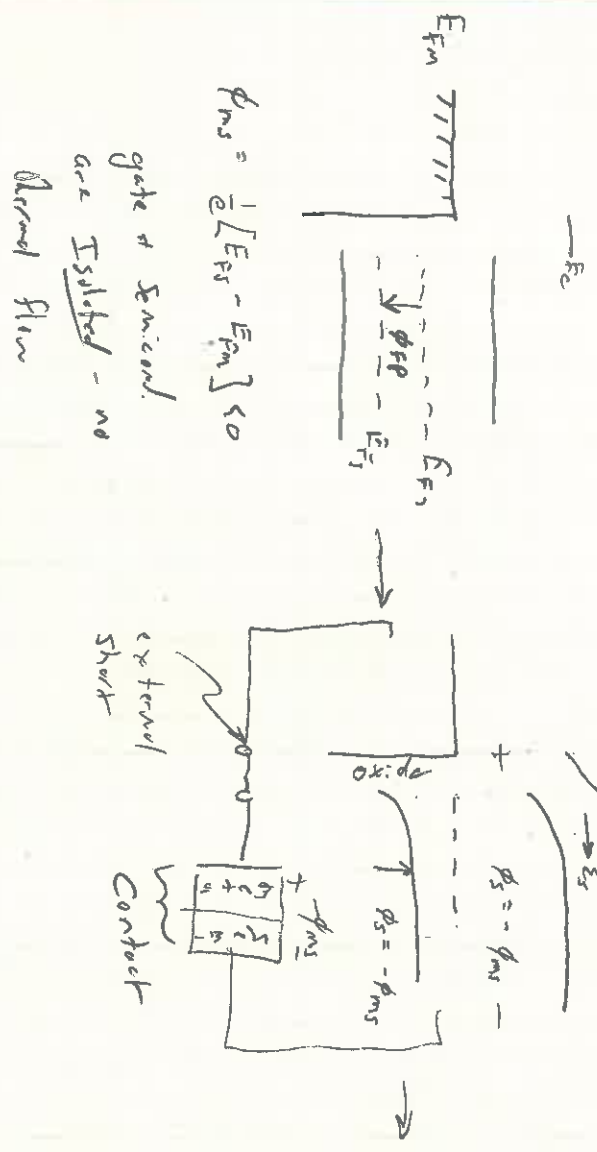


Eg: 1.13

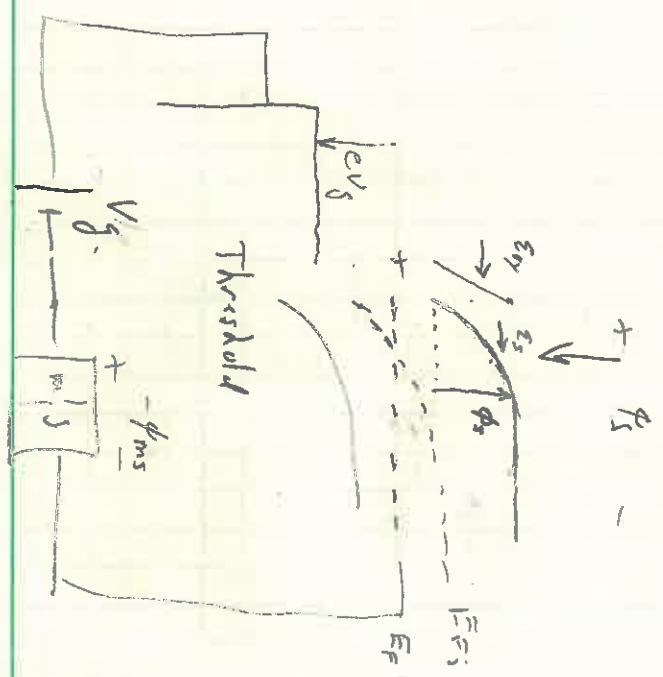
Isolated



@ threshold

$$V_g = V_{th} = \left[\frac{q N_{A0}}{C_{ox}} + 2 |\phi_{Fs}| + \phi_{ms} \right]$$

E_f 6.34 eV ρ_j 249



$$V_g = V_{ox} + \phi_s + \phi_{ms}$$

$\frac{2}{\phi_{F0}}$

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