15-1/2 2020 Conductance 11 Un = surface electron mobility 16-VFB-20F-VX-- 129 Es Na (20F+VX) Conductance goes as Inversion region Z= Channel width L= Chance / longth 5/02 H. Qn(x) Z Depleton Regim Ga to

$$\frac{T_{p} dx}{T_{p}} = \frac{F_{n} Z C_{i}}{L} \left[(V_{c} - W_{c}) V_{b} - \frac{1}{2} V_{b}^{2} \right] \qquad 6-49$$

$$\frac{T_{p}}{L} = \frac{F_{n} Z C_{i}}{L} \left[(V_{c} - W_{c}) V_{b} - \frac{1}{2} V_{b}^{2} \right] \qquad 6-49$$

$$\frac{Q_{d}}{L} = Ch_{i} Y_{i} \quad associated depletion region operated depends of the properties of the prope$$

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