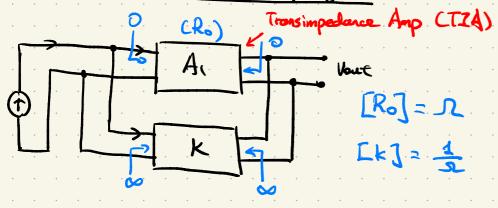
Lec 37

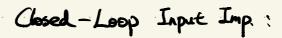
- Voltage Current (Shunt Shunt) Feedbook
- Examples

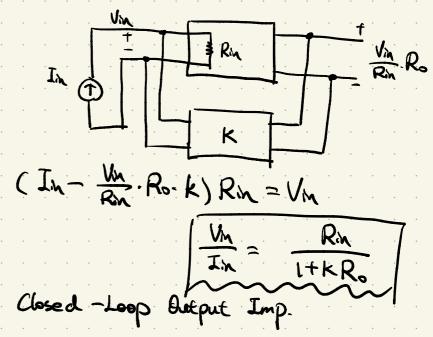
Voltage - Current Feedbook Topologies

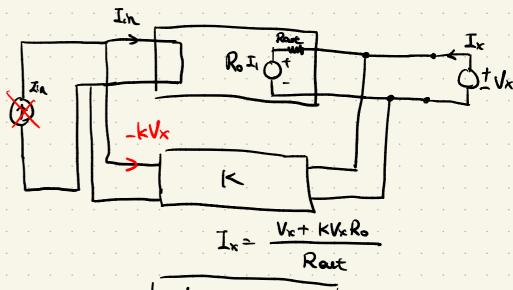


Closed-Loop Gain.

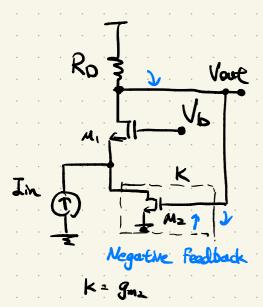
$$\frac{\text{Vowt}}{\text{Vin}} = \frac{\text{Ro}}{1 + \text{KRo}}$$







Example How do we return a amont to the Input?



Open-Loop Gan=Ro

OL Input Imp Rin= 1
gm

OL Sutput Imp Rave=Ro

Closed-Loop Parameters

Closed-Loop Input Imp. . In 1+9mRo

Closed - Loop Output Imp: Ro

It 9m2 Ro

Example

