LE complission stage

AV = AVait Im large signed

Vin The DRL

AV = Voit Im small signal

Equivalent small signal Model

Equivalent small signal Model

Equivalent small signal Model

Fig. 12c 3 RL V1 = Vin Req = 12c 11RL 11120

Vait = gmvin = 0

Pag Vait = - gmvin = 0

Vait = - gmvin = Vait Req

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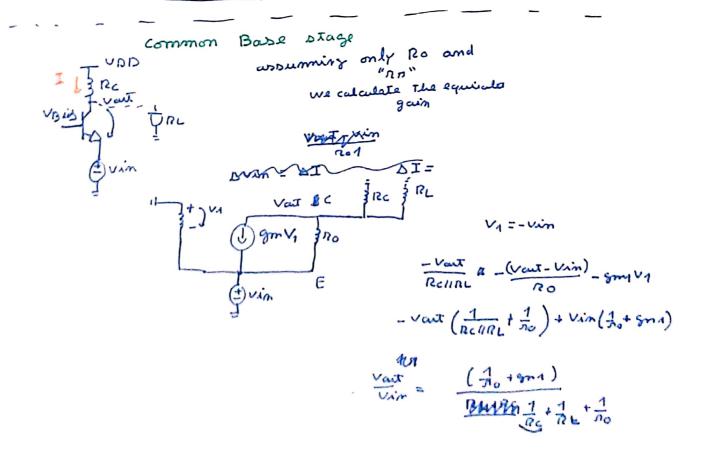
Vait = - gmvin = -

In lof PDK you cont Increase

The device characteristics of a Birdor transits

gain of Birolar > nosfet

But consultion > nosfet



Emitter follower

V1 = (Vim - Vaut)

, sum of words

$$\frac{Vaut}{Vin} = \left(\frac{1}{n_n} + 8m\right)$$

$$\frac{1}{n_0} + \frac{1}{n_m} + \frac{1}{n_0} + 8m$$

$$A \vee C \uparrow$$

$$S = \sum_{n \in T} a \text{ buffer stare}$$