| Classification of Dependent Sources |  |  |
|-------------------------------------|--|--|
| •                                   |  |  |

Giannacco

 $i_{s} = \beta i_{x}$ 

 $\beta = Current Gain$ 

(Unitless)

| 4 | 4 |   |   |
|---|---|---|---|
| Y | Y | Y | Y |

 $\rho = Transresistance$ 

(Ohms)

 $\mu\nu$ 

 $\mu = Voltage Gain$ 

(Unitless)

 $= \alpha v$ 

 $\alpha = Transconductance$ 

(Siemens)