EECS240 - Spring 2010

Lecture 17: Biasing and References



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Reference Circuits

- · External bias current not always available
 - · May need to generate reference internally
- Tons of "constant X" reference circuits in the literature
 - Important considerations include power, accuracy, PSRR, output impedance, etc.
- Most important question: what do you really want to be constant?

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Constant Current Bias?				
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Constant Gain I	Example	
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Supply "Independent" Biasing EECS240 Lecture 17 5











