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### **ECE 584 Analog CMOS Integrated Circuit Design Spring 2021**

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## **EECE488: Analog CMOS Integrated Circuit Design**

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SM 3 EECE 488 – Set 1: Introduction And Background  
References • Main Reference: Lecture Notes •

Recommended Textbook: Behzad Razavi, Design Of  
Analog CMOS Integrated Circuits, McGraw- Hill, 2001 •

Some Other Useful References: Feb 7th, 2024

## **EECE488 Analog CMOS Integrated Circuit Design**

EECE488 Analog CMOS Integrated Circuit Design

Assignment 4 Due: Tuesday November 26th, 2013 At

8:00am 1. Consider The Following Circuit. (This Circuit

Is Sometimes Referred To As A Self-biased Current

Source).  $R = V_{DD} / I_{D1}$   $M_0$   $M_2$   $M_1$   $M_3$   $GND$   $I_{D1}$

Out Assume All Transistors Are Operating In Saturation

Region And  $V_{GS} = 0$ ,  $V_{DD} = 3V$ ,  $V_{TH}(NMOS) = 0$  ... Mar

3th, 2024

## **EE 338L: Analog Integrated Circuit Design Fall 2012**

Output Stages; Analog Filters. CAD Tools For Circuit

Analysis And Design. Textbook Behzad Razavi,

Fundamental Of Microelectronics, Wiley, 2008. Other

Helpful References: Paul Gray Et Al., Analysis And

Design Of Analog Integrated Circuits, Wiley, 2009.

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Circuits, McGraw-Hill, 2000. Mar 5th, 2024



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