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Electronics II

Lecture 05 re Equivalent Model & BJT Small Signal Analysis

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Electronics II



Previous Lecture

- Important Amplifier Parameters using Two Port System
 - Voltage Gain.
 - Current Gain.
- re Equivalent Model for
 - Common Base Configuration.
 - Common Emitter Configuration.

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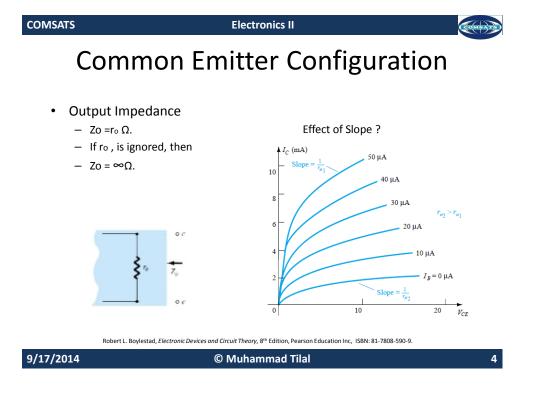


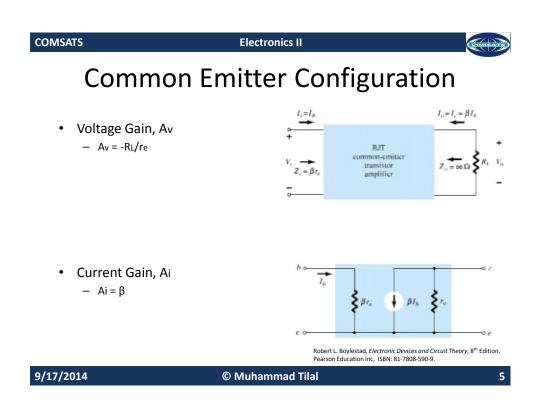
Session Overview

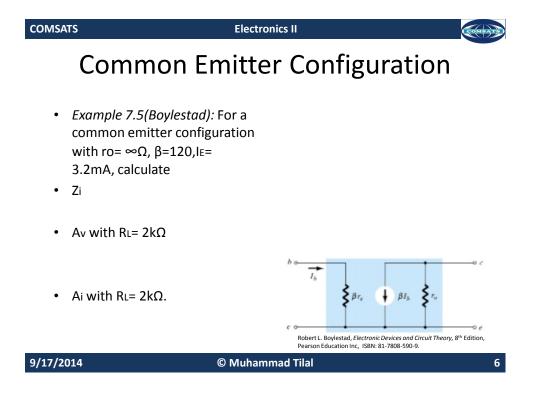
Торіс	re Model for Common Base, Common Emitter & Common Collector Configurations. BJT Small Signal Analysis (Common Emitter Configuration)
Concepts	BJT Small Signal Analysis of Common EmitterFixed Bias Configuration.Voltage Divider Bias.
Recommended Reading	Section 7.5 of [1] Sections 8.1, 8.2 of [1]
Keywords	re Model, Common Emitter, Fixed Bias, Voltage Divider, Small Signal, BJT.

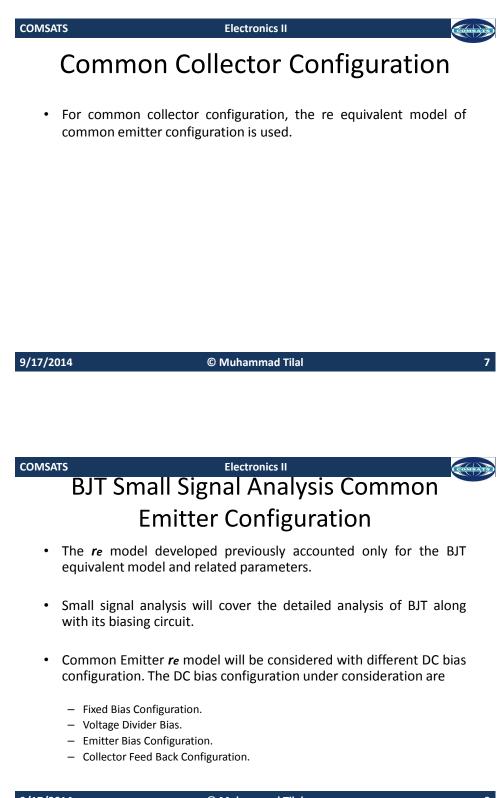
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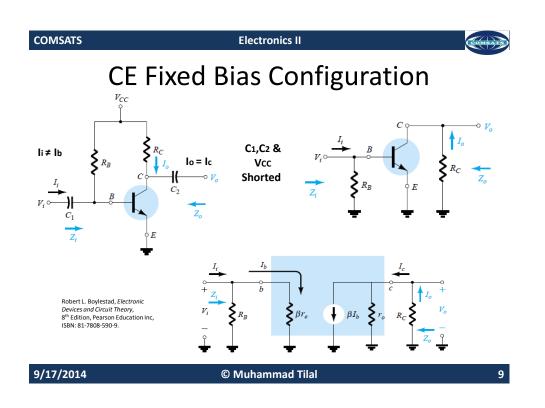


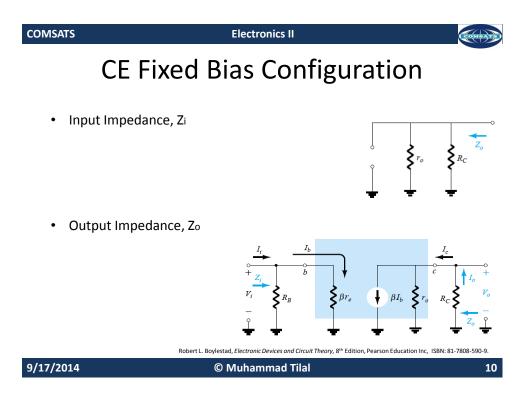


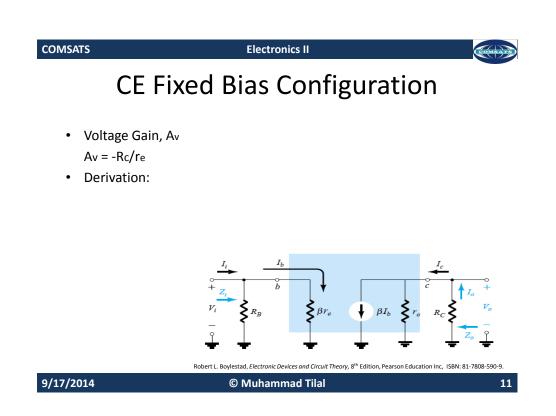




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	References	

[1] Robert L. Boylestad, *Electronic Devices and Circuit Theory*, 8th Edition, Pearson Education Inc, ISBN: 81-7808-590-9.

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