

Lecture 26

Analyzing Complex Amplifiers

Outline

- Two-port hand analysis
- Examples
- What's Next?

Announcement: Final Examination
Monday, May 21, 9:00 am - 12:00am, Johnson;
Open Book, Calculator Required.

Multi-Stage Amplifier Analysis

- Draw circuit such that signal stages and biasing devices can be easily identified.
- Identify signal path and establish amplifier parameters.
- Determine function of all other transistors- usually current or voltage sources.
- Find high impedance nodes to estimate frequency response.

Can now understand more complex circuits?

Examples:

