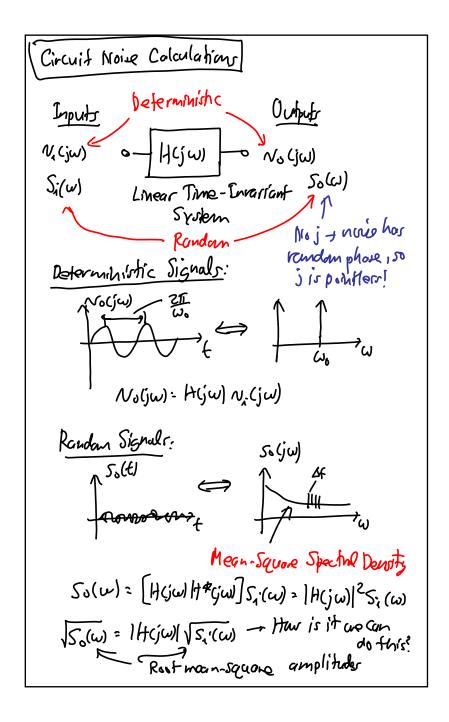
Lecture 23w: Noise & MDS

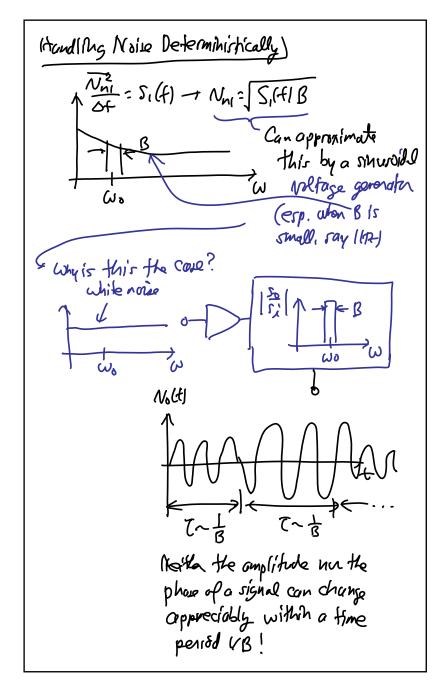
Lecture 23: Noise

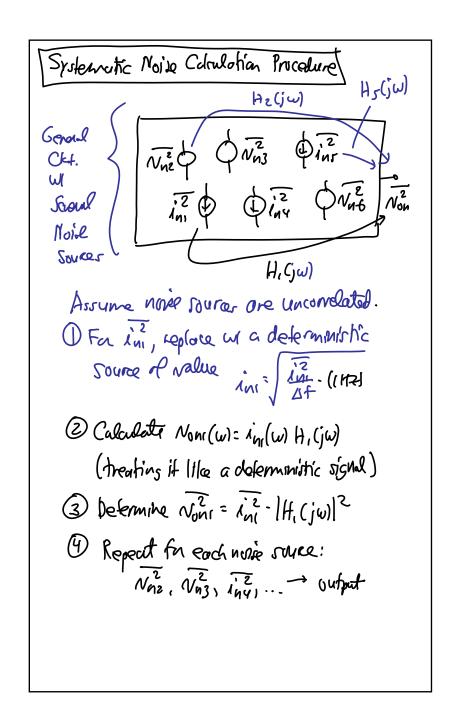
- · Announcements:
- · Module 17 on Noise & MDS online
- HW#7 online next week and due Friday morning, May 8
- · Project slide #3 due Friday, May 1
- · This is a pre-recorded video lecture
- -----
- · Reading: Senturia Chpt. 16
- · Lecture Topics:
 - Sminimum Detectable Signal
 - **♥** Noise
 - Circuit Noise Calculations
 - Noise Sources
 - Equivalent Input-Referred Noise
 - - Equivalent Noise Circuit
 - Example ARW Determination
-
- Last Time:
- Went through Module 16 on sensing circuit nonidealities and integration
- Now continue with another important non-ideality: Noise
- · Start with slide 20 of Module 16, then ...
- · Start into Module 17 on Noise & MDS, slides 1-7

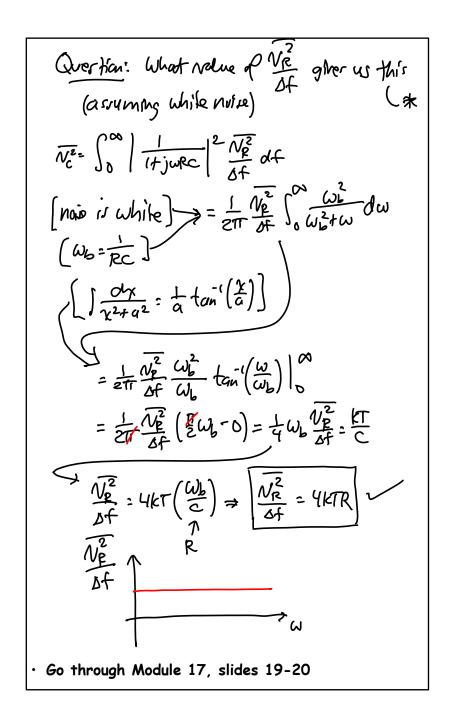




Lecture 23w: Noise & MDS







Lecture 23w: Noise & MDS

