

EE4109: Agenda (lecture 6)

0. Old homework, correction of some errors
1. Inventory of suitable amplifier configurations
 - Evaluate performance
 - Select amplifier configuration
2. Design of feedback network
3. Start controller design
 - Evaluate palette
 - Select suitable stages for input and output
4. Noise design
 - Design parameters W , L , I_{DS} , V_{DS} , M
 - Check if operating point is in valid range
 - Noise design using SLiCAP (NM18 Noise model)
5. Homework: SLiCAP first design steps, see BrightSpace

