

ECE 3040 Homework 9

Note important device parameters are given at the beginning of the problems section (i.e. before the 1st problem).

- 1.) Edition 1: Jaeger 6.12
Edition 2: Jaeger 6.12
Edition 3: Jaeger 6.12
- 2.) Edition 1: Jaeger 6.17
Edition 2: Jaeger 6.17
Edition 3: Jaeger 6.17 parts a and b only
- 3.) Edition 1: Jaeger 7.4
Edition 2: Jaeger 6.47a
Edition 3: Jaeger 6.38a
- 4.) Edition 1: Jaeger 7.12
Edition 2: Jaeger 6.60
Edition 3: Jaeger 6.51

Do not mess with the power scaling problem (problem 5) and the PSPICE simulations originally assigned (problems 6 and 7) as they would take too much time and not demonstrate enough valued learning. Instead, be sure to know the definitions of all time responses (propagation delays, rise and fall times etc...).