Assignment 2

Due on 2013-10-21, 23:59:59 EST

Week 3

Week 1

Week 2

Week 3

Week 4

Week 5

Week 2

Week 3

Week 4

Week 5

Week 6

Start: Week 1

End: Week 6

Assignment

Session 2

Unit 3 - Week 2

Assignment 2

For all questions, U is the input voltage and I is the output current. Use g=0 and h=0 for any parameters that are not specified in the assignment.

For question 2.1

(a) What is the power delivered by the source? (b) What is the power delivered to the load?

For question 2.2

(a) What is the load reflection coefficient? (b) Is the load a matched load?

For question 2.3

(a) What is the admittance of the load? (b) What is the impedance of the load?

For question 2.4

(a) What is the power delivered to the load? (b) What is the power delivered by the source?

For question 2.5

(a) What is the voltage at the load? (b) What is the current at the load?

For question 2.6

(a) What is the power delivered to the load? (b) What is the power delivered by the source?