reviewer4@nptel.iitm.ac.in ▼ Courses » Computer Aided Power System Analysis **Announcements** Course Ask a Question **Progress** FAQ Unit 2 - Week 1 Register for **Assignment 1 Certification exam** The due date for submitting this assignment has passed. Due on 2019-02-13, 23:59 IST. Course As per our records you have not submitted this outline assignment. How to access 1) 1 point Shunt half - line charging the portal From bus To bus Resistance (p.u) Reactance (p.u) Susceptance (p.u) Week 1 2 0.01937 0.05916 0.05279 1 1 5 0.05402 0.22300 0.04920 Modeling of Power System 3 2 0.04697 0.19794 0.04380 Components 2 4 0.05810 0.17628 0.03740 Modeling of 3 4 0.17099 0.06700 0.03460 Power System 4 5 0.01335 0.04209 0.01280 Components (Contd.) Questions 1 to 6 are based on the above table. Bus Admittance Matrix The line data of a small 5 bus system is given above in the table: Bus Admittance 1) The size of the $\,Y_{BUS}\,\,$ matrix is : Matrix with Mutual (5x5) Impedance (4x4) Bus Admittance (6x6) Matrix with mutual (3x3) impedance (Contd.) No, the answer is incorrect. Quiz: Score: 0 Assignment 1 **Accepted Answers:** Week 2

2) The $(2,2)^{th}$ diagonal element of the $\,Y_{BUS}$ matrix is :

7.9200 - j25.0324 7.8200 - j25.0324

7.8200 - i24.0324

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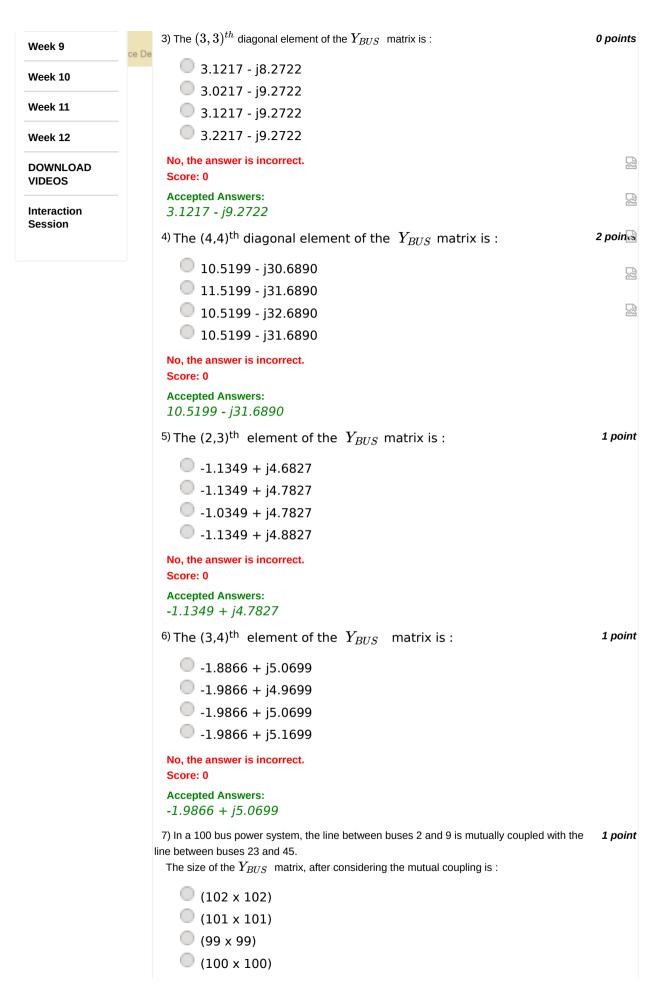
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Week 3

Week 4

Week 5

2 points



No, the answer is incorrect. Score: 0	
Accepted Answers: (100 x 100)	
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