

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS

ELECTRICAL ENGINEERING DEPARTMENT

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EE-306

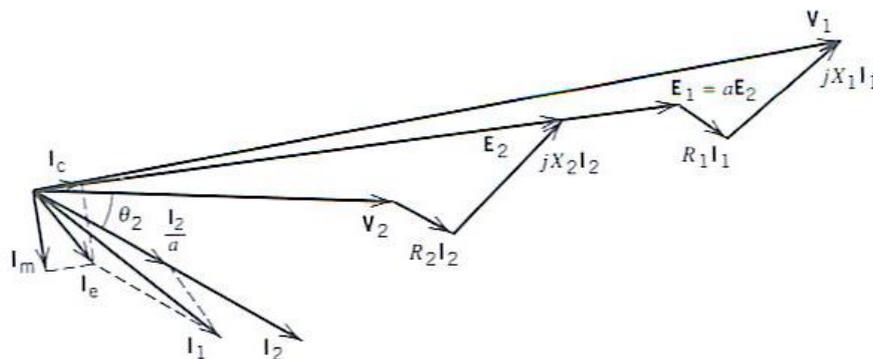
Key Solution

Quiz 3 Sec.: 5 I.D.: Ser#: Name:

1. The voltage regulation of an ideal transformer connected to a capacitive load has negative percentage. (5 Marks)

True **False**

2. The phasor diagram shown below is for (5 Marks)



- a. the exact model of a transformer referred to secondary side.
b. the approximate model of a transformer with the excitation branch referred to secondary side.
c. the approximate model of a transformer with the excitation branch referred to primary side.
d. none of above.