

**KING FAHD UNIVERSITY OF PETROLEUM & MINERALS**  
**ELECTRICAL ENGINEERING DEPARTMENT**

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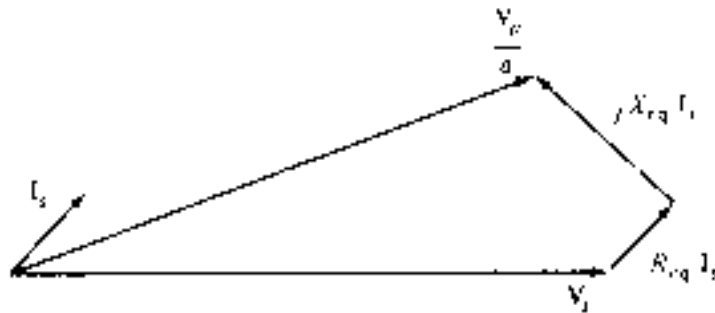
**EE-306**

**Key Solution**

Quiz # 3      Sec.: 2      I.D.#      Name:

Circle the correct answer.

The phasor diagram shown is for



1. the exact equivalent circuit of a transformer.
- 2. the approximate equivalent circuit without the excitation branch of a transformer.**
3. all of above.
4. none of above.