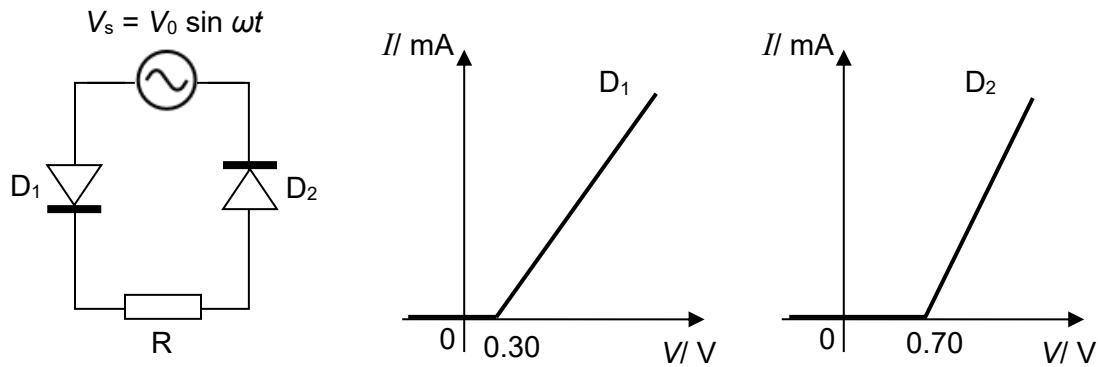


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The circuit diagram shows two diodes D_1 and D_2 connected to a sinusoidal-alternating supply V_s and a resistor R . D_1 and D_2 have forward threshold peak voltages of 0.30 V and 0.70 V respectively. The I - V characteristics of D_1 and D_2 are as shown.



For a current to flow through R , the value of V_0 must exceed

- A**
0.30 V
- B**
0.70 V
- C**
1.0 V
- D**
1.4 V