

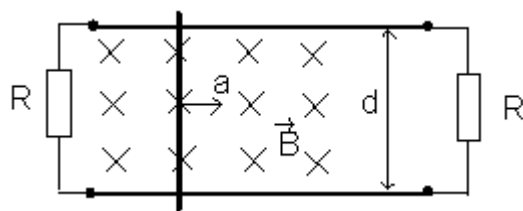
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OE zadaca-3 U trenutku $t=0$ štap se počinje gibati sa akceleracijom a . Izračunajte inducirani napon, magnetsku silu i brzinu štapa u trenutku t_1 .

$$U_{\text{ind}} = \text{_____ mV (0.7)} \quad F_{\text{mag}} = \text{_____ mN (0.7)}$$
$$v = \text{_____ m/s (0.6)}$$

ZADANO JE:

$$B = 628 \text{ mT} \quad d = 85 \text{ cm} \quad R = 105 \text{ m}\Omega$$
$$t_1 = 114 \text{ ms} \quad a = 1 \text{ m/s}^2$$



napomena: otpori štapa i tračnica su zanemarivo mali.