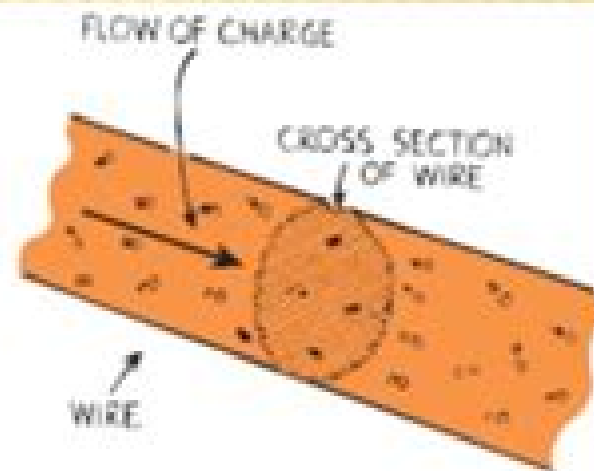


34.2 – ELECTRIC CURRENT

- The flowing of electric charge
 - Only electrons
- Variable: I , $I = q/t$
- SI unit: ampere (A), the “amp”, $1 \text{ A} = 1 \text{ C} / \text{sec}$
- The same number of e enter conductor as leave
 - The net charge is always zero

FIGURE 34.2 ▶
When the rate of flow of charge past any cross section is 1 coulomb (6.24 billion billion electrons) per second, the current is 1 ampere.



34 Electric Current Answers

Patrick Vollmar



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web 33 jacob looked up and there was esau coming with his four hundred men so he divided the children among leah rachel and the two female servants 2 he put the female servants and their children in front leah and her children next and rachel and joseph in the rear 3 he himself went on ahead and bowed down to the ground seven times as he appr

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web according to the hebrew bible esau is the progenitor of the edomites and the elder brother of jacob the patriarch of the israelites 8 jacob and esau were the sons of isaac and rebecca and the grandsons of abraham and sarah of the twins esau was the first to be born with jacob following holding his heel

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web the story focuses on esau s loss of his birthright to jacob and the conflict that ensued between their descendant nations because of jacob s deception of their aged and blind father isaac in order to receive esau s birthright blessing from isaac

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