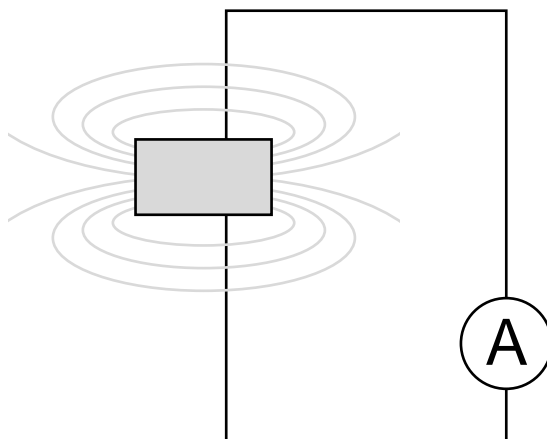


Liverpool Physics Olympics 1996



Dynamic Dynamo

Aim To produce the highest current reading on the ammeter using only the materials provided.

Materials 1 ammeter 3 m length of wire 3 15 cm nails
1 magnet 2 m length of string 2 elastic bands

Method The current may be produced using any method.

Conditions

- The current must be produced from only the materials provided.
- Any number of attempts can be made.
- Monitored by a judge, the highest observed reading will be taken.

Time limit 25 minutes

Ranking The ranking order will be determined by the highest current observed by a judge.

Team

Result

Do not write below line

Score