Faculty Background Material

Simple DC Motor Lab

# Links

* The Simple DC Motor: A Teacher’s Guide
Kristy Beauvais
Research Experience for Teachers
Center for Materials Science and Engineering
Massachusetts Institute of Technology
August 2003
<http://mit.edu/cmse/educational/motor_lp_kristy.pdf>
* Building an Inexpensive Motor in the Classroom
Aaron Osowiecki – Boston Latin School
Research Experience for Teachers
Center for Materials Science and Engineering
Massachusetts Institute of Technology
August 2004
<http://web.mit.edu/cmse/educational/motor_lp_aaron.pdf>
* OpenStax, Magnetic Force on a Current-Carrying Conductor. OpenStax CNX. ‎Jun‎ ‎20‎, ‎2012 [http://cnx.org/contents/dc790996-7361-4ce2-be86-fc5b26b1a101@4](http://cnx.org/contents/dc790996-7361-4ce2-be86-fc5b26b1a101%404)
* OpenStax, Torque on a Current Loop: Motors and Meters. OpenStax CNX. ‎Jun‎ ‎11‎, ‎2012 [http://cnx.org/contents/b37764d1-3493-40de-a222-13f8b9e78b67@2](http://cnx.org/contents/b37764d1-3493-40de-a222-13f8b9e78b67%402)
* DC Motor Operation
<http://hyperphysics.phy-astr.gsu.edu/hbase/magnetic/motdc.html>
* Electric Motors, CK-12 Flexbook (Less technical for younger students)
<https://www.ck12.org/physics/Electric-Motors/>

<https://www.ck12.org/physics/Electric-Motors/lesson/Electric-Motors-PHYS/>