Lively Physics and Exciting Experiments 3
-Kick Motor (simple DC motor)

Hideo Kawada (Stray Cats group)

Chubu Univ. Ichinomiya High School
39-Shinden Higashi, Konan City Aichi Pref. Japan

h.m.kawada@kza.biglobe.ne.jp

There are many students who hate Physics in Physics classes. One of the reasons is that the teachers cannot tell the students how interesting Physics is and the students cannot find the meaning to learn Physics. We (Stray Cats group) have been studying what makes the Physics classes worth learning for students to improve the situation above. We think it is very useful to use simple, essential and pleasant teaching materials in the classes to make classes worth learning for the students. These teaching materials make the students enjoy Physics and make them realize “Physics is fun.”, “Physics exists everywhere.” and “Everybody can enjoy Physics.”

Here I show Kick Motor (simple DC motor) as examples for explaining how hands-on simple and essential experiments work in the Physics classes.