

Referências

- [1] DUIT, R.; RHONECK, C. V. Learning and understanding key concepts of electricity. In: TIBERGHIE, A.; JOSSEM, E. L.; BARAJOS, J. (eds.). *Connecting Research in Physics Education with Teacher Education*. International Commission on Physics Education. Disponível em: <<http://www.physics.ohio-state.edu/~jossem/ICPE/C2.html>>. Acesso em: 10 mar. 2005.

- [2] SHAFFER, P. S.; McDERMOTT, L. C. Research as a guide for curriculum development: an example from introductory electricity. I. Investigation of student understanding. *American Journal of Physics*, College Park, v. 60, n. 11, p. 994-1003, Nov.1992.

- [3] ENGELHARDT, P. V.; BEICHNER, R. J. Students' understanding of direct current resistive circuits. *American Journal of Physics*, College Park, v. 72, n. 1, p. 98-115, Jan. 2004.

- [4] EYLON, B.; GANIEL, U. Macro-micro relationships: the missing link between electrostatics and electrodynamics in students' reasoning. *International Journal of Science Education*, London, v. 12, n. 2, p. 79-94, Dec. 1990.

- [5] THACKER, B. A.; GANIEL, U.; BOYS, D. Macroscopic phenomena and microscopic processes: student understanding of transients in direct current electric circuits. *Physics Education Research: a supplement to the American Journal of Physics*, Melville, 1, to v. 67, n. 7, p. S25-S31, July1999.

- [6] GRECA, I. M.; MOREIRA, M. A. Un estudio piloto sobre representaciones mentales, imagenes, proposiciones y modelos mentales respecto al concepto de campo electromagnetico en alumnos de física general, estudiantes de postgrado y físicos profesionales. *Investigações em Ensino de Ciências*, Porto Alegre, v. 1, n. 1, p. 95-108, abr.1996.

- [7] GRECA, I. M.; MOREIRA, M. A. Modelos mentales y aprendizaje de física en electricidad y magnetismo. *Enseñanza de las Ciencias*, Barcelona, v. 16, n. 2, p. 289-303, agosto. 1998.