

**Goldstein, Herbert**

**Classical mechanics. 2nd ed.** (English) Zbl 0491.70001

World Student Series. Addison-Wesley Series in Physics. Reading, Massachusetts, etc.: Addison-Wesley Publishing Company. XIV, 672 p. (1980).

For a scan of this review see the [web version](#).

**MSC:**

**70-01** Introductory exposition (textbooks, tutorial papers, etc.) pertaining to mechanics of particles and systems

Cited in **5** Reviews  
Cited in **485** Documents

**Keywords:**

Laplace-Runge-Lenze vector; Bertrand's theorem;  $O(4)$  symmetry; Cayley- Klein parameters; satellite precession; motion of charged bodies in electromagnetic fields; geometrical optics and wave mechanics; canonical perturbation theory; celestial mechanics; adiabatic distortions of Hamiltonian systems; adiabatic invariants