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**New trends in mechanics. I: Generalized differential variational principles in rational mechanics.** (English) [Zbl 0476.70022](#)

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

**MSC:**

[70H99](#) Hamiltonian and Lagrangian mechanics

[70-02](#) Research exposition (monographs, survey articles) pertaining to mechanics of particles and systems

[70G99](#) General models, approaches, and methods

[70A05](#) Axiomatics, foundations

[74Axx](#) Generalities, axiomatics, foundations of continuum mechanics of solids

**Keywords:**

[generalized differential variational principles](#); [rational mechanics](#)

**Full Text:** [EuDML](#)