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**New trends in mechanics. I: Generalized differential variational principles in rational mechanics.** (Chinese) [Zbl 0451.70003](#)

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

**MSC:**

70A05 Axiomatics, foundations

70H30 Other variational principles in mechanics

49S05 Variational principles of physics (should also be assigned at least one other classification number in Section 49-XX)

**Keywords:**

generalized differential variational principles; rational mechanics; d'Alembert-Lagrange's, Jourdin's, Gauss-Hertz's principles; Mangeron- Deleanu differential variational principle