

**Caricato, G.**

**Relative formulation of evolution laws of a continuous system in general relativity. II.**

(Italian) [Zbl 0576.73011](#)

*Rend. Sem. Mat. Univ. Padova* 71, 239-247 (1984).

The author continues his study of a relativistic hyperelastic continuum and proposes the appropriate constitutive equations to be associated with the evolution equations obtained earlier [*ibid.* 68, 229-244 (1982; [Zbl 0515.73006](#))].

Reviewer: [G.Capriz](#)

**MSC:**

[74A99](#) Generalities, axiomatics, foundations of continuum mechanics of solids

[74A20](#) Theory of constitutive functions in solid mechanics

[83C10](#) Equations of motion in general relativity and gravitational theory

[74B20](#) Nonlinear elasticity

Cited in 1 Review

**Keywords:**

[relativistic hyperelastic continuum](#)

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**References:**

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- [2] A. Signorini , *Lezioni di Fisica Matematica*, anno accad. '52-'35, Veschi , Roma .
- [3] G. Caricato , *Lezioni di Calcolo differenziale assoluto*, anno accad. '81-'82 , Ist. Mat. G. Castelnuovo , Roma .

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