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Autore	Taber Larry Alan
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Nota di contenuto	Vectors, Dyadics, and Tensors; Analysis of Deformation; Analysis of Stress; Constitutive Relations; Biomechanics Applications.
Sommario/riassunto	Soft biological tissues often undergo large elastic (or nearly elastic) deformations that can be analyzed using the nonlinear theory of elasticity. Because of the varied approaches to nonlinear elasticity in the literature, some aspects of the subject may be difficult to appreciate.