

4.20 A tensor field S corresponds to the solution of a traction problem

$$abla (\mathbf{x},0) = \mathbf{S}^{(0)}(\mathbf{x}), \quad \dot{\mathbf{S}}(\mathbf{x},0) = \dot{\mathbf{S}}^{(0)}(\mathbf{x}), \quad \mathrm{on} \quad B \times (0,\infty) \quad (a)$$

$$\mathbf{S}\mathbf{n} = \mathbf{s} \tag{b}$$

(see Theorem 3 of Subsection 4.2.4 in which B is expressed in terms of a body force b, and S(0) and S(0) are defined in terms of two vector

Richard B. Hetnarski Józef Ignaczak



Mathematical Theory Of Elasticity

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