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Introduction to Continuum Mechanics, Solutions Manual, Third Edition 3rd Edition by Rubin Lai (Author), L. Kremp (Author)
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Introduction to Continuum Mechanics, Solutions Manual

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----Ans. $(\text{div}T) \cdot a = \text{div}(T a) - \text{tr}(T \nabla a) \rightarrow (\text{div}T) \cdot e_\theta = \text{div}(T e_\theta) - \text{tr}(T \nabla e_\theta)$ Now, 2.76

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Chapter 1 -- Introduction Continuum mechanics is a theory of the kinematics and dynamics of material bodies in the limit in which matter can be assumed to be infinitely subdividable.

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