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Nota di contenuto	Annotation -- Introduction -- Part 1 Theoretical problems by Electrical Conductivity, Temperature and Rheology researches -- Chapter 1. Modern stress of the crust of Eurasia -- Chapter 2. On the nature of the brittle-ductile transition zone in the Earth's crust -- Chapter 3. Modeling of stress-strain state medium with different rheological and geomechanical parameters in annex to the tasks of regional geodynamics -- Chapter 4. Positioning geoelectric heterogeneities in the Earth's Crust using dual-frequency radio holographic method, etc.
Sommario/riassunto	This proceedings book investigates the possibilities for creating new models of the continental lithosphere structure by integrating methods from geothermodynamics and deep geoelectrics. It particularly focuses on the use of powerful controlled sources of electromagnetic field to study the nature of deep geophysical boundaries. It also presents research related to the transition boundary between the brittle and quasiplastic states of Earth's crust matter and the position of creep areas in Earth's crust, as well as geothermal and rheological studies in

combination with the deep electromagnetic soundings – a promising direction that allows the tectonophysical reconstruction of natural stresses in the lithosphere. The experimental study results and tectonophysical modeling are discussed in the context of the Fennoscandinavian shield, the Indian Craton, the Himalayas, Eastern Tibet and the Eurasian continent as a whole. The book appeals to researchers interested in solid Earth physics.

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