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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.