



Principles of Geodynamics

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Condition: New. Publisher/Verlag: Springer, Berlin | Geodynamics is commonly thought to be one of the subjects which provide the basis for understanding the origin of the visible surface features of the Earth: the latter are usually assumed as having been built up by geodynamic forces originating inside the Earth ("endogenetic" processes) and then as having been degraded by geomorphological agents originating in the atmosphere and ocean ("exogenetic" agents). The modern view holds that the sequence of events is not as neat as it was once thought to be, and that, in effect, both geodynamic and geomorphological processes act simultaneously ("Principle of Antagonism"); however, the division of theoretical geology into the principles of geodynamics and those of theoretical geomorphology seems to be useful for didactic purposes. It has therefore been maintained in the present writer's works. This present treatise on geodynamics is the first part of the author's treatment of theoretical geology, the treatise on Theoretical Geomorphology (also published by the Springer Verlag) representing the second. The present edition is third one of the book. Although the headings of the chapters and sections are much the same as in the previous editions, it will be found that most of the...



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