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Titolo	Energetics of the Earth // John Verhoogen
Pubbl/distr/stampa	Washington : , : National Academies Press, , 1980
ISBN	9786610247240 1-280-24724-X
Descrizione fisica	1 online resource (147 pages)
Disciplina	551.1
Soggetti	Electronic books Earth temperature Earth (Planet) Internal structure
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliography and indexes.
Nota di contenuto	<p>""Energetics of the Earth""; ""Copyright""; ""Preface""; ""Contents""; ""1 Energy Sinks ""; ""HEAT FLOW""; ""VOLCANIC HEAT""; ""METAMORPHIC HEAT""; ""STRAIN ENERGY; EARTHQUAKES""; ""POTENTIAL ENERGY; UPLIFT OF MOUNTAINS""; ""PLATE TECTONICS""; ""KINETIC ENERGY OF ROTATION""; ""SUMMARY""; ""2 Energy Sources ""; ""ORIGINAL HEAT""; ""GRAVITATIONAL ENERGY""; ""CORE FORMATION""; ""TIDAL FRICTION""; ""RADIOGENIC HEAT""; ""CRUSTAL HEAT VERSUS MANTLE HEAT""; ""SUMMARY""; ""3 Temperatures Within the Earth ""; ""THE UPPER MANTLE""; ""THE LOW-VELOCITY ZONE""; ""GEOTHERMS FROM NODULES IN KIMBERLITE""</p> <p>""THE MANTLE'S TRANSITION ZONES"" ""THE LOWER MANTLE""; ""LAYER D""; ""LAYER D""; ""THE OUTER CORE""; ""COMPOSITION OF THE CORE""; ""TEMPERATURE FROM AN EQUATION OF STATE""; ""THE ADIABATIC GRADIENT""; ""THE TEMPERATURE AT THE INNER CORE-OUTER CORE BOUNDARY""; ""THE MELTING POINT OF IRON""; ""MELTING IN THE FE-S SYSTEM""; ""SUMMARY""; ""4 Dynamics of the Core ""; ""STABILITY OF THE CORE""; ""CAUSES FOR CONVECTION""; ""ENERGY REQUIREMENTS OF THE GEOMAGNETIC DYNAMO""; ""EFFICIENCY OF A STEADY-STATE THERMAL DYNAMO""; ""AN IMPROVED ESTIMATE OF EFFICIENCY""; ""THE ENTROPY BALANCE EQUATION""</p> <p>""THE GRAVITATIONAL DYNAMO""""GRAVITATIONAL ENERGY"";</p>

""VOLUMETRIC RELATIONS""; ""HEAT OUTPUT OF THE CORE""; ""5 Core-Mantle Interactions ""; ""EFFICIENCY OF THE MANTLE""; ""CONVECTION PATTERNS IN THE MANTLE""; ""CONVECTIVE PATTERN FOR DISTRIBUTED SOURCES OF HEAT""; ""HEAT FROM THE CORE""; ""ADDITIONAL FACTORS IN CONTROLLING THE FLOW""; ""TEMPERATURE DEPENDENCE OF PHYSICAL PROPERTIES""; ""THE VON ZEIPEL INSTABILITY""; ""EFFECTS OF SURFACE PLATES""; ""EFFECTS OF PHASE TRANSITIONS IN THE MANTLE""; ""INFLUENCE OF THE CORE ON CONVECTION IN THE MANTLE"" ""INFLUENCE OF THE MANTLE ON CONVECTION IN THE CORE""""SOME FINAL REMARKS""; ""References""; ""Author Index ""; ""Subject Index ""

2. Record Nr.	UNINA9910522598603321
Titolo	Handbook of Easy Languages in Europe
Pubbl/distr/stampa	Berlin, : Frank & Timme, 2021
Descrizione fisica	Online-Ressource (661 S.)
Collana	Easy – Plain – Accessible
Soggetti	Inklusion Europa Barrierefreiheit leichte Sprache easy language
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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