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Autore	Gill Robin <1944->
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Nota di contenuto	Energy in geochemical processes -- Equilibrium in geological systems -- Kinetics of earth processes -- Aqueous solutions and the hydrosphere -- Electrons in atoms -- What we can learn from the periodic table -- Chemical bonding and the properties of minerals -- Silicate crystals and melts -- Some geologically important elements -- What can we learn from isotopes? -- The elements in the universe.