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Autore	Sibilia, Daniele
Titolo	Balistocardiografia clinica / Daniele Sibilia ; presentazione del prof. L. Condorelli
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Collocazione	90 CCH CUORE 6
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Autore	Godovikov Alexander A
Titolo	Structural-Chemical Systematics of Minerals / / by Alexander A. Godovikov, Svetlana N. Nenasheva
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Nota di contenuto	Introduction -- Minerals with metallic and metallic-covalent bonds --

Minerals with metallic-covalent and ionic-covalent bond -- Minerals with principal ionic-covalent and covalent-ionic bond -- Minerals with principal covalent-ionic and ionic bond -- Carbon, its compounds (without carbonates) and related substances -- References.

Sommario/riassunto

This book represents new structural-chemical minerals of A.A. Godovikov which reflects the latest data on communication of the chemical composition with structure and properties of minerals, conditions of their formation, their paragenesis. The following features lay its basis: a) the numerous, often not considered earlier chemical signs on which chemical properties of minerals, conditions of their formation or paragenesis may depend; b) the determined consistent patterns of communication between chemical compounds structure and fundamental properties of the elements forming them; c) regularities of structure change and properties of minerals depending on physical and chemical parameters of formation or environment systems. This systemati considers real associations, differences in physical and chemical parameters at which minerals are forming and existing. In this systematic sometimes the preference is given to the last signs because all natural associations aren't casual in an arrangement of minerals, so they formed as a result of difficult and longtime selection. The properties of minerals are coordinated with their structure, formation conditions. The transition conditions from one taxon to another both at one level and at its deepenings are accurately formulated. The primary type of a chemical bond was accepted as leading sign of five highest taxons. The lowest taxons were allocated on: a) the mineral belongings to izodesmichesky or anizodesmichesky connections; b) the type of anion, cation; c) the coordination number of an anionoobrazovatel; d) the size of CX; e) the type of the structure. The signs which are in the basis for systematization give the chance to find the place for new mineral types in the tables, to change the place of mineral in connection with specification of its formula or structure. They also allow to distinguish new taxons for the new mineral types representing chemical compounds, earlier not known in nature. Thus this systematic is not a stiffened representation but the developing system.