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## **CRYSTALLOGENETIC GROUNDS OF ISOMORPHISM: EXPERIMENTAL DATA AND THEORETICAL APPROACH**

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КРИСТАЛЛОГЕНЕТИЧЕСКИЕ ОСНОВЫ ИЗОМОРФИЗМА:  
ЭКСПЕРИМЕНТАЛЬНЫЕ ДАННЫЕ И ТЕОРЕТИЧЕСКИЙ ПОДХОД

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Most minerals exhibit within a wide range of isomorphic compositions. Some genetic specificities of such substances were first highlighted by our investigations, started in the beginning of 1980s, when some unusual peculiarities of their metasomatic origin were revealed experimentally (Glikin, Sinai, 1983). We present here a review of the experimental and conceptual principles for mixed crystal formation, which we established since the discovering the specificity of this field.