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**THERMOCHEMICAL PRESSING  
OF SPECIAL PURPOSE  
MATERIALS**

**Scientific monograph**



**2024**

UDC 66  
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The monograph is devoted to a new manufacturing process based on thermochemical pressing of solid chemical elements during an exothermic chemical reaction and plastic deformation of the synthesis product. The monograph deals with theoretical and experimental studies of thermochemical pressing processes: physico-chemical transformations, physico-technological aspects, compaction processes of the synthesized product, increasing the level of operational properties of intermetallic alloys and cermets.

The monograph will be useful to scientific and technical workers, specialists in metallurgy, materials science and thermodynamics.

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