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Sommario/riassunto	This fifth volume continues the book series Ultra-High Temperature Materials by Igor Shabalin, which deals materials with melting (sublimation or decomposition) points around or over 2500 °C. In this respect the book has over-branched cross-links with the sections and tables of the previous Volumes I-IV. The book includes a thorough treatment of the physical and chemical properties of ultra-high temperature materials, namely such as molybdenum carbides, including semi- and monocarbide phases with all known modifications, it accomplishes the full description of refractory carbides of d-elements, which was begun from Volume II of the series. The book, jointly with the previous volumes, can be used as a unique database on special materials with the highest refractoriness and heat-resistance ever achieved in the modern engineering and technological practice.