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Sommario/riassunto

During the past fifty years, significant progress has been achieved in the theory and application of SiAlONs and other similar non-oxide ceramics. In particular, the advances of the last thirty years in research and development have made SiAlONs, and similar materials, some of the most important engineering ceramics and new functional ceramics of today. The papers presented in this volume are authored by leading international experts on SiAlON and non-oxide materials and therefore give an excellent overview of current and future trends in the field.