1. Record Nr. UNINA9910566478203321 Autore Papaefthymiou Spyros Titolo Structure-Properties-Processing Relationships in Metallic Materials Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022 Pubbl/distr/stampa Descrizione fisica 1 online resource (116 p.) Soggetti History of engineering and technology Technology: general issues Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto In the current Special Issue of Metals, we present six contributions from academia and industry. Based on their latest research developments, and achievements in their applied research field, the contributors elucidate the effect of temperature during forming operations that were closely analyzed via texture evaluation, present the opportunities that derive from microstructure and process simulation, and show how trace elements may affect critical properties in the performance of metallic materials. Bridging the gap between academia and industry, they provide all the necessary theoretical background through basic and applied research to meet the requirements for industrial application of

the new and steadily optimized materials and concepts.