Record Nr. UNISALENTO991000786089707536 Autore De Fazio, Vincenza Titolo Continuità Fuzzy : confronto tra differenti definizioni. Tesi di laurea / laureanda Vincenza De Fazio ; relat. Eduardo Pascali Pubbl/distr/stampa Lecce: Università degli studi. Facoltà di Scienze. Corso di laurea in Matematica, a.a. 1998-99 Classificazione AMS 54A40 Altri autori (Persone) Pascali, Eduardo Soggetti Fuzzy topology Lingua di pubblicazione Italiano **Formato** Materiale a stampa Livello bibliografico Monografia Record Nr. UNINA9910404077503321 Autore Garcia-Mateo Carlos Titolo Bainite and Martensite: Developments and Challenges Pubbl/distr/stampa MDPI - Multidisciplinary Digital Publishing Institute, 2020 3-03928-858-X **ISBN** Descrizione fisica 1 online resource (166 p.) Soggetti History of engineering and technology Lingua di pubblicazione Inglese

Soggetti History of engineering and technology

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Sommario/riassunto The microstructures of both martensite and bainite, although sharing

some common features, depict a plethora of subtle differences that made them unique when studied in further detail. Tailoring the final properties of a microstructure based on one or the other as well as in combination with others and exploring more sophisticated concepts,

such as Q&P and nanostructured bainite, are the topics which are the focus of research around the world. In understanding the key microstructural parameters controlling the final properties as well as definition of adequate process parameters to attain the desired microstructures requires that a proper understanding of the mechanism ruling their transformation and a detailed characterization first be acheived. The development of new and powerful scientific techniques and equipment (EBSD, APT, HRTEM, etc.) allow us to gain fundamental insights that help to establish some of the principles by which those microstructures are known. The developments accompanying such findings lead to further developments and intensive research providing the required metallurgical support.