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Titolo	Journal of digital social research
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Descrizione fisica	1 online resource (volumes)
Disciplina	000 004 300 370
Soggetti	Social sciences Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

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Autore	Nyvlt Jaroslav
Titolo	Admixtures in crystallization / / Jaroslav Nyvlt, Joachim Ulrich
Pubbl/distr/stampa	Weinheim ; ; New York, : VCH, c1995
ISBN	9786611758615 9781281758613 1281758612 9783527615315 3527615318 9783527615308 352761530X
Descrizione fisica	1 online resource (397 p.)
Altri autori (Persone)	UlrichJoachim
Disciplina	615.19 660.284298
Soggetti	Crystallization - Industrial applications Crystals - Additives
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Admixtures in Crystallization; Contents; 1. Introduction; 2. Classification of Admixtures; 3. Influence of Admixtures on Nucleation; 3.1. Homogeneous Nucleation; 3.2. Heterogeneous Nucleation; 3.3. Secondary Nucleation; 4. Influence of Admixtures on Crystal Growth; 4.1. The Role of the Solid Surface; 4.2. The Role of the Interphase Solid - Liquid; 5. Influence of Admixtures on Crystal Shape; 6. Influence of Solvents; 7. Distribution of Admixtures; 7.1. Solid Solutions; 7.2. Isomorphous Inclusion; 7.3. Anomalous Mixed Crystals; 7.4. Adsorption Inclusion; 7.5. Mechanism of Internal Adsorption 7.6. Mechanical Inclusions7.7. Materials Balance for Crystallization in Presence of Impurities; 7.8. Cascade Purification; 8 . Notations; 9 . References; 10 . Tables; Formula Index; 11 . References to Tables; 12 . Subject Index
Sommario/riassunto	This unique book is the most exhaustive and up-to-date treatment of the subject of admixtures in crystallization available today. The

introduction, particularly suitable for newcomers but also helpful for more advanced readers, discusses concisely current theory and experience and provides about 250 references for further reading.The main section provides a detailed survey of the effects of over 200 organic and inorganic admixtures on the crystallization of over 300 organic and inorganic substances. The data, which has been gathered together from almost all the available papers