

1. Record Nr.	UNINA9910131251303321
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Titolo	Sea ice : physics and remote sensing // Mohammed Shokr, Nirmal Sinha
Pubbl/distr/stampa	Washington, District of Columbia : , : American Geophysical Union : , : Wiley, , 2015 ©2015
ISBN	1-119-02796-9 1-119-02800-0 1-119-02788-8
Descrizione fisica	1 online resource (624 p.)
Collana	Geophysical Monograph Series ; ; 209
Disciplina	551.342028
Soggetti	Sea ice - Remote sensing Sea ice - Arctic regions Arctic Regions
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 at the end of each chapters and index.
Nota di contenuto	Title Page; Copyright Page; Contents; Preface; Acknowledgments and Recognitions; Chapter 1 Introduction; 1.1. Background; 1.2. Historical Synopsis: Canada and the Arctic; 1.3. Fascinating Nature of Sea Ice; 1.4. Sea Ice in Research and Operational Disciplines; 1.4.1. Sea Ice in Marine Navigation; 1.4.2. Sea Ice in Physics; 1.4.3. Sea Ice in Climatology; 1.4.4. Sea Ice in Meteorology; 1.4.5. Sea Ice in Oceanography; 1.4.6. Sea Ice in Marine Biology; 1.4.7. Sea Ice and Offshore Structures; 1.4.8. Sea Ice for Search and Rescue and Transportation; 1.5. Sea Ice and Remote Sensing 1.6. About the Book and Its OrganizationChapter 2 Ice Physics and Physical Processes; 2.1. Initial Ice Formation; 2.1.1. Relevant Seawater Properties; 2.1.2. Seawater Freezing Mechanism; 2.1.3. Initial Ice Crystals and Frazil Ice; 2.2. Ice Growth; 2.2.1. Lateral Ice Growth; 2.2.2. Vertical Ice Growth (Congelation Ice); 2.2.3. Superimposed Ice; 2.2.4. Thermodynamic Ice Growth; 2.3. Inclusions in Ice; 2.3.1. Compositional (Constitutional) Supercooling and Brine Pocket Formation; 2.3.2. Dendritic Interface of Sea Ice; 2.3.3. Salinity Loss During Ice Growth;

2.4. Ice Deformation

2.5. Ice Decay and Aging 2.5.1. Ice Decay; 2.5.2. Ice Aging; 2.6. Ice Classes and Ice Regimes; 2.6.1. Criteria of Ice Classification; 2.6.2. Polynyas; 2.6.3. Pancake Ice Regime; 2.6.4. Marginal Ice Zone and Ice Edge; 2.6.5. Ice of Land Origin; Chapter 3 Sea Ice Properties: Data and Derivations; 3.1. Temperature Profiles in Ice and Snow; 3.2. Bulk Salinity and Salinity Profile; 3.2.1. Bulk Salinity; 3.2.2. Salinity Profiles; 3.3. Density of First-Year and Multiyear Ice; 3.4. Volume Fraction of Sea Ice Constituents; 3.4.1. Brine Volume Fraction; 3.4.2. Solid Salt Volume Fraction 3.4.3. Pure Ice Volume Fraction 3.4.4. Air Volume Fraction; 3.5. Thermal Properties; 3.5.1. Thermal Conductivity of Sea Ice; 3.5.2. Thermal Conductivity of Snow; 3.5.3. Specific Heat of Sea Ice; 3.5.4. Latent Heat of Sea Ice; 3.6. Dielectric Properties; 3.6.1. Dielectric Constant of Brine; 3.6.2. Dielectric Mixing Models; 3.6.3. Field Measurements of Dielectric Constant; Chapter 4 Polycrystalline Ice Structure; 4.1. Terms and Definitions Relevant to Polycrystalline Ice; 4.1.1. Special Thermal State of Natural Ice; 4.1.2. General Terms for Structural Aspects of Ice 4.1.3. Basic Terms and Definitions 4.2. Morphology of Ice; 4.2.1. Form of Ice Crystals; 4.2.2. Miller Indices for Hexagonal Ice; 4.2.3. Growth Direction of Ice Crystals; 4.2.4. Ice Density in Relation to Crystalline Structure; 4.3. Structure- and Texture-Based Classification of Natural Ice; 4.3.1. Freshwater Ice Classification of Michel and Ramseier; 4.3.2. Extending Crystallographic Classification of Freshwater Ice to Sea Ice; 4.3.3. Crystallographic Classes of Natural Ice; 4.3.4. Stereographical Projection (Fabric Diagram) of Natural Polycrystalline Ice 4.4. Age-Based Structural Features of Natural Sea Ice

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| 2. | Record Nr. | UNISALENTO991002996989707536 |
| | Autore | Gassner, John |
| | Titolo | Producing the Play of Queens College & the the Theatre Guild / by John Gassner ; with the new scene tevhnician's handbook by Philip Barber |
| | Pubbl/distr/stampa | New York : Dryden Press, 1941 |
| | Edizione | [Revised edition] |
| | Descrizione fisica | XIII, 915 p. : ill. ; 21 cm. |
| | Altri autori (Persone) | Barber, Philip |
| | Soggetti | Produzione teatrale |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
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- | | | |
|----|-------------------------|---|
| 3. | Record Nr. | UNINA9910809541403321 |
| | Autore | Shaw Kenneth A (Kenneth Alan), <1941-, > |
| | Titolo | Integrated management of processes and information / / Kenneth A. Shaw |
| | Pubbl/distr/stampa | New York, New York (222 East 46th Street, New York, NY 10017) : , : Business Expert Press, , 2013 |
| | Edizione | [First edition.] |
| | Descrizione fisica | 1 online resource (204 p.) |
| | Collana | Quantitative approaches to decision making collection, , 2163-9582 |
| | Disciplina | 658.4038 |
| | Soggetti | Business information services
Information resources management
Decision support systems
Management information systems |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | Part of: 2013 digital library. |
| | Nota di bibliografia | Includes bibliographical references (pages 171-176) and index. |
| | Nota di contenuto | Contents -- List of illustrations -- Preface -- Acknowledgments -- |

Introduction -- 1. Changing role of processes and information -- 2. Nature of information -- 3. Modeling integrated information and processes -- 4. Use and acquisition of information -- 5. Alphabet soup, big data, cloud computing, DSS, ERP, VoIP -- 6. Managerial considerations -- Appendix A. Glossary -- Appendix B. Acronym and symbol definitions -- Appendix C. Excel tips and useful functions -- Notes -- References and bibliography -- Index.

Sommario/riassunto

Each step in a company's manufacturing, service, and information processes uses, creates, supplies, and stores information. In many businesses, the information processes are managed separately from other business processes. However, they should be considered together with other operations in a process to develop more effective and less-expensive methods for acquiring and using that information. Using a conversational tone, the author discusses a number of the procedural and managerial policy considerations for small and large businesses regarding information technology, process management, and business choices. The discussion focuses more on informing the reader about process-oriented concepts and management options available rather than providing specific recommendations regarding which process or information strategy to use.
