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Soggetti	Synthetic aperture radar
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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	Inverse Synthetic Aperture Radar Imaging with MATLAB Algorithms; Contents; Preface; Acknowledgments; CHAPTER ONE: Basics of Fourier Analysis; 1.1 FORWARD AND INVERSE FOURIER TRANSFORM; 1.1.1 Brief History of FT; 1.1.2 Forward FT Operation; 1.1.3 IFT; 1.2 FT RULES AND PAIRS; 1.2.1 Linearity; 1.2.2 Time Shifting; 1.2.3 Frequency Shifting; 1.2.4 Scaling; 1.2.5 Duality; 1.2.6 Time Reversal; 1.2.7 Conjugation; 1.2.8 Multiplication; 1.2.9 Convolution; 1.2.10 Modulation; 1.2.11 Derivation and Integration; 1.2.12 Parseval's Relationship; 1.3 TIME-FREQUENCY REPRESENTATION OF A SIGNAL 1.3.1 Signal in the Time Domain 1.3.2 Signal in the Frequency Domain; 1.3.3 Signal in the (JTF) Plane; 1.4 CONVOLUTION AND MULTIPLICATION USING FT; 1.5 FILTERING/WINDOWING; 1.6 DATA SAMPLING; 1.7 DFT AND FFT; 1.7.1 DFT; 1.7.2 FFT; 1.7.3 Bandwidth and Resolutions; 1.8 ALIASING; 1.9 IMPORTANCE OF FT IN RADAR IMAGING; 1.10 EFFECT OF ALIASING IN RADAR IMAGING; 1.11 MATLAB

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 RADAR CROSS SECTION (RCS); 2.3.1 Definition of RCS; 2.3.2 RCS of
 Simple Shaped Objects
 2.3.3 RCS of Complex Shaped Objects 2.4 RADAR RANGE EQUATION;
 CHAPTER FOUR: Inverse Synthetic Aperture Radar Imaging and Its Basic
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 FIELD TO THE IMAGE FUNCTION IN ISAR; 4.3 ONE-DIMENSIONAL (1D)
 RANGE PROFILE; 4.4 1D CROSS-RANGE PROFILE; 4.5 2D ISAR IMAGE
 FORMATION (SMALL BANDWIDTH, SMALL ANGLE); 4.5.1 Range and
 Cross-Range Resolutions; 4.5.2 Range and Cross-Range Extends; 4.5.3
 Imaging Multi-Bounces in ISAR; 4.5.4 Sample Design Procedure for
 ISAR; 4.6 2D ISAR IMAGE FORMATION (WIDE BANDWIDTH, LARGE
 ANGLES); 4.6.1 Direct Integration
 4.6.2 Polar Reformatting 4.7 3D ISAR IMAGE FORMATION; 4.7.1 Range
 and Cross-Range Resolutions; 4.7.2 A Design Example; 4.8 MATLAB
 CODES; REFERENCES; CHAPTER FIVE: Imaging Issues in Inverse Synthetic
 Aperture Radar; 5.1 FOURIER-RELATED ISSUES; 5.1.1 DFT Revisited;
 5.1.2 Positive and Negative Frequencies in DFT; 5.2 IMAGE ALIASING;
 5.3 POLAR REFORMATTING REVISITED; 5.3.1 Nearest Neighbor
 Interpolation; 5.3.2 Bilinear Interpolation; 5.4 ZERO PADDING; 5.5
 POINT SPREAD FUNCTION (PSF); 5.6 WINDOWING; 5.6.1 Common
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 MATLAB CODES
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 Radar; 6.2 ISAR WAVEFORMS FOR RANGE-DOPPLER PROCESSING; 6.2.1
 Chirp Pulse Train; 6.2.2 Stepped Frequency Pulse Train; 6.3 DOPPLER
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 QUADRATURE DETECTION; 6.6.1 I-Channel Processing; 6.6.2 Q-
 Channel Processing
 6.7 RANGE ALIGNMENT

Sommario/riassunto

This book provides a full representation of Inverse Synthetic Aperture
 Radar (ISAR) imagery, which is a popular and important radar signal
 processing tool. The book covers all possible aspects of ISAR imaging.
 The book offers a fair amount of signal processing techniques and
 radar basics before introducing the inverse problem of ISAR and the
 forward problem of Synthetic Aperture Radar (SAR). Important concepts
 of SAR such as resolution, pulse compression and image formation are
 given together with associated MATLAB codes. After providing the
 fundamentals for ISAR imaging, the book gives the

2. Record Nr.	UNINA9911087153003321
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Titolo	Blood of others : Stalin's crimean atrocity and the poetics of solidarity. / / Rory Finnin
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ISBN	9798897832071
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Descrizione fisica	1 online resource
Collana	Ukrainian-Language Open Access Series.
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Soggetti	Nonfiction History Literary Criticism Politics
Lingua di pubblicazione	Ukrainian
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from eBook information screen..
Nota di contenuto	Intro -- . 1. -- . 2. -- . 3. , « » (1837) -- . 4. Ukrayna, Rusya ve Türkiye (1915) -- . 5. «», (1926) -- . 6. - (1967) -- . 7. . « » (1857) -- . 8. (,) -- . 9. «», (2003) -- . 10. «» (Evge), (2019).
Sommario/riassunto	ENG: In the spring of 1944, Stalin deported the Crimean Tatars, a small Sunni Muslim nation, from their ancestral homeland on the Black Sea peninsula. The gravity of this event, which ultimately claimed the lives of tens of thousands of victims, was shrouded in secrecy after the Second World War. What broke the silence in Soviet Russia, Soviet Ukraine, and the Republic of Turkey were works of literature. These texts of poetry and prose – some passed hand-to-hand underground, others published to controversy – shocked the conscience of readers

and sought to move them to action. Blood of Others presents these works as vivid evidence of literature's power to lift our moral horizons. In bringing these remarkable texts to light and contextualizing them among Russian, Turkish, and Ukrainian representations of Crimea from 1783, Rory Finnin provides an innovative cultural history of the Black Sea region. He reveals how a ""poetics of solidarity"" promoted empathy and support for an oppressed people through complex provocations of guilt rather than shame. Forging new roads between Slavic studies and Middle Eastern studies, Blood of Others is a compelling and timely exploration of the ideas and identities coursing between Russia, Turkey, and Ukraine – three countries determining the fate of a volatile and geopolitically pivotal part of our world. UA: 1944

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