Record Nr. UNINA9910823009403321 Autore Yaroslavsky Leonid **Titolo** Fast transform methods in digital signal processing [[electronic resource]]: theory, applications, efficient algorithms / / by Leonid Yaroslavsky Pubbl/distr/stampa [Oak Park, III.?], : Bentham eBooks, [2011] **ISBN** 1-60805-230-3 Edizione [1st ed.] Descrizione fisica 1 online resource (119 p.) Collana Digital signal processing in experimental research, , 1879-4432 Disciplina 621.385 Soggetti Signal processing - Digital techniques 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 pt. 1. Transform tour -- pt. 2. Applications and algorithms. Sommario/riassunto This ebook covers fast transform algorithms, analyses, and applications in a single volume. It is the result of the collaboration by the author with others in the world wide university community and has been accumulated over the author's working lifetime of about 40 years. It has now culminated in a nice mix of theoretical development and practical uses of various fast transforms. Thus readers will find practical approaches not covered elsewhere for the design and development of fast transform methods. Some of the most immediate

applications, such as detection and analysis of periodicities in