1. Record Nr.   UNINA9910317602803321

   Autore   Mohammed Salih Salih

   Titolo   Fourier Transform : Signal Processing / / edited by Salih Mohammed Salih

   Pubbl/distr/stampa   IntechOpen, 2012
   Rijeka : , : IntechOpen, , 2012
   ©2012

   ISBN   953-51-6195-4

   Edizione   [1st ed.]

   Descrizione fisica   1 online resource (xi, 368 pages) : illustrations

   Disciplina   515.2433

   Soggetti   Physical sciences
   Signal processing
   Fourier transformations

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di bibliografia   Includes bibliographical references.

   Sommario/riassunto   The field of signal processing has seen explosive growth during the past decades; almost all textbooks on signal processing have a section devoted to the Fourier transform theory. For this reason, this book focuses on the Fourier transform applications in signal processing techniques. The book chapters are related to DFT, FFT, OFDM, estimation techniques and the image processing techqniques. It is hoped that this book will provide the background, references and the incentive to encourage further research and results in this area as well as provide tools for practical applications. It provides an applications-oriented to signal processing written primarily for electrical engineers, communication engineers, signal processing engineers, mathematicians and graduate students will also find it useful as a reference for their research activities.