

1. Record Nr.	UNINA9910818744703321
Titolo	Surveys in representation theory of algebras : Maurice Auslander Distinguished Lectures and International Conference, April 26-May 1, 2017, April 29-May 4, 2015, April 18-23, 2013, Woods Hole Oceanographic Institute, Woods Hole, MA / / Alex Martsinkovsky, Kiyoshi Igusa, Gordana Todorov, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2018] ©2018
ISBN	1-4704-4903-X
Descrizione fisica	1 online resource (216 pages)
Collana	Contemporary mathematics, ; 716 , 0271-4132
Classificazione	16E3018E3018E1016G9918G2516G2016G70
Disciplina	512/.6
Soggetti	Representations of algebras
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910300409203321
Autore	Butz Tilman
Titolo	Fourier Transformation for Pedestrians // by Tilman Butz
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-16985-8
Edizione	[2nd ed. 2015.]
Descrizione fisica	1 online resource (XVIII, 242 p. 148 illus.)
Collana	Undergraduate Lecture Notes in Physics, , 2192-4791
Disciplina	515.723
Soggetti	Physics Signal processing Image processing Speech processing systems Mathematical physics Mathematical Methods in Physics Signal, Image and Speech Processing Mathematical Applications in the Physical Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Fourier Series -- Continuous Fourier Transformation -- Window Functions -- Discrete Fourier Transformation -- Filter Effect in Digital Data Processing -- Data Streams and Fractional Delay -- Tomography: Back projection of Filtered Projections.
Sommario/riassunto	This book is an introduction to Fourier Transformation with a focus on signal analysis, based on the first edition. It is well suited for undergraduate students in physics, mathematics, electronic engineering as well as for scientists in research and development. It gives illustrations and recommendations when using existing Fourier programs and thus helps to avoid frustrations. Moreover, it is entertaining and you will learn a lot unconsciously. Fourier series as well as continuous and discrete Fourier transformation are discussed with particular emphasis on window functions. Filter effects of digital data processing are illustrated. Two new chapters are devoted to modern applications. The first deals with data streams and fractional delays and the second with the back-projection of filtered projections

in tomography. There are many figures and mostly easy to solve exercises with solutions.

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