Applied Multidimensional Systems Theory

- Serves as a short textbook for the latest generation of graduate students and researchers in multidimensional systems theory, such as signal processing applications
- Concise treatment of a dense subject
- Written by the world-renowned expert in multidimensional signals and systems theory, and founder of the Multidimensional Systems and Signal Processing journal

Revised and updated, this concise new edition of the pioneering book on multidimensional signal processing is ideal for a new generation of students. Multidimensional systems or m-D systems are the necessary mathematical background for modern digital image processing with applications in biomedicine, X-ray technology and satellite communications. Serving as a firm basis for graduate engineering students and researchers seeking applications in mathematical theories, this edition eschews detailed mathematical theory not useful to students. Presentation of the theory has been revised to make it more readable for students, and introduce some new topics that are emerging as multidimensional DSP topics in the interdisciplinary fields of image processing. New topics include Groebner bases, wavelets, and filter banks.

Order online at springer.com/booksellers
Springer Nature Customer Service Center LLC
233 Spring Street
New York, NY 10013
USA
T: +1-800-SPRINGER NATURE
(777-4643) or 212-460-1500
customerservice@springernature.com

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, GST or QST. Please add $5.00 for shipping one book and $1.00 for each additional book. Outside the US and Canada add $10.00 for first book, $5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.