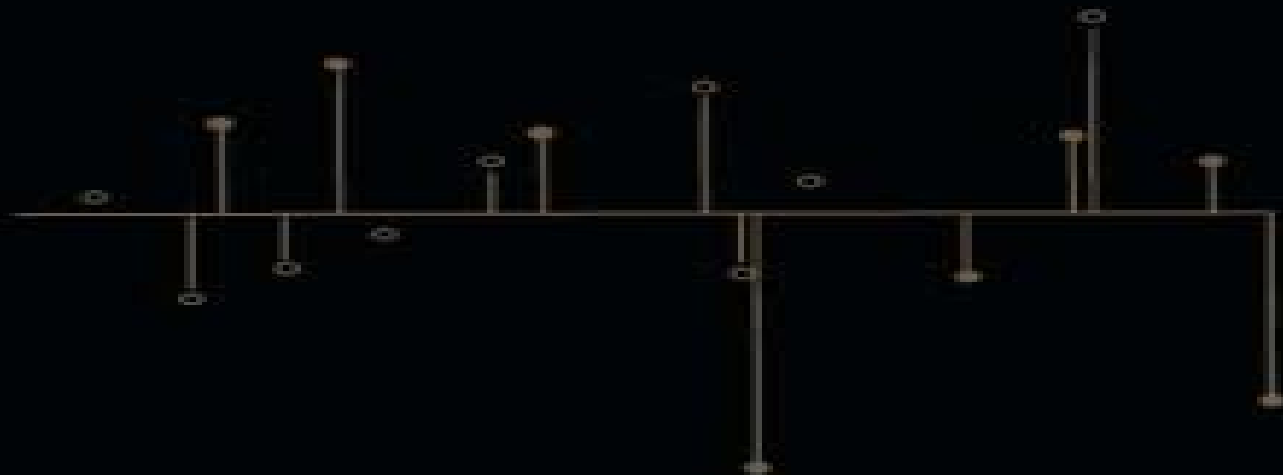


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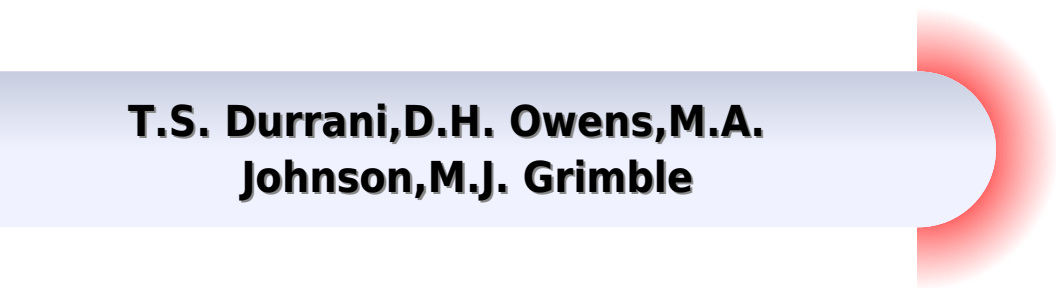
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The Ocean Engineering Handbook Ferial El-Hawary, 2000-12-28 Compiled by an internationally acclaimed panel of experts this is the most complete reference of its kind It provides comprehensive coverage of important areas of the theory and practice of oceanic coastal engineering and technology The well organized text includes five major sections Marine Hydrodynamics and Vehicles Control Modeling Considerations Position Control Systems for Offshore Vessels Applications of Computational Intelligence in the Ocean's Environment and Fiber Optics in Oceanographic Applications Designed as a traditional handbook it offers a detailed look ocean engineering including thorough coverage of position control theory and implementation

Computation and Applied Mathematics, 2003

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System Identification Lennart Ljung, 1998-12-29 The field's leading text now completely updated Modeling dynamical systems theory methodology and applications Lennart Ljung's System Identification Theory for the User is a complete coherent description of the theory methodology and practice of System Identification This completely revised Second Edition introduces subspace methods methods that utilize frequency domain data and general non

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Seismic Source Signature Estimation and Measurement Osman M. Osman,Enders A. Robinson,1996

Blind Equalization and System Identification Chong-Yung Chi,Chih-Chun Feng,Chii-Horng Chen,Ching-Yung Chen,2006-05-20 The absence of training signals from many kinds of transmission necessitates the widespread use of blind equalization and system identification There have been many algorithms developed for these purposes working with one or two dimensional signals and with single input single output or multiple input multiple output real or complex systems It is now time for a unified treatment of this subject pointing out the common characteristics of these algorithms as well as learning from their different perspectives Blind Equalization and System Identification provides such a unified treatment

presenting theory performance analysis simulation implementation and applications This is a textbook for graduate courses in discrete time random processes statistical signal processing and blind equalization and system identification It contains material which will also interest researchers and engineers working in digital communications source separation speech processing and other similar applications *Adaptive Systems in Control and Signal Processing 1989* T.S. Durrani,D.H. Owens,M.A. Johnson,M.J. Grimble,2014-06-28 The Symposium covered three major areas adaptive control identification and signal processing In all three new developments were discussed covering both theoretical and applications research Within the subject area of adaptive control the discussion centred around the challenges of robust control design to unmodelled dynamics robust parameter estimation and enhanced performance from the estimator while the papers on identification took the theme of it being a bridge between adaptive control and signal processing The final area looked at two aspects of signal processing recursive estimation and adaptive filters

Seismic Inversion & Deconvolution: Dual-sensor technology
Enders A. Robinson,1999 Hardbound The objective of seismic exploration is to delineate the subsurface structure of the earth A large variety of computer processing methods are available to transform the observed seismic data into a form that is more useful to the seismic interpreter An important subdivision of these methods comes under the heading Seismic Inversion and Deconvolution Most seismic data are recorded either by geophone that measures particle velocity or else by hydrophone that measures pressure A dual sensor incorporates both a geophone and a hydrophone so simultaneous measurements of both particle velocity and pressure are obtained Unprecedented improvements in inversion and deconvolution are made possible through the use of Dual Sensor Technology The purpose of Seismic Inversion and Deconvolution Part B Dual Sensor Technology is to provide the fundamentals of dual sensor technology Previous work together with new results are brought toget

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