

1. Record Nr.	UNINA9910437337503321
Titolo	2020 Seventh International Conference on eDemocracy & eGovernment (ICEDEG) : Buenos Aires, Argentina, April 22 - 24, 2020 // editors, Luis Fernando Teran Tamayo, Jhonny Pincay, Edy Portmann
Pubbl/distr/stampa	Piscataway, NJ : , : IEEE, , [2020] ©2020
ISBN	1-7281-5882-6
Descrizione fisica	1 online resource (323 pages) : illustrations
Disciplina	352.3802854678
Soggetti	Electronic government information
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	ICEDEG addresses the main issues of public administration and electronic democracy with an academic and practical perspective It covers technical and non technical aspects of, but not limited to the following areas eGovernment big data, cloud computing, eProcurement, eServices, eSettlement, geographical information systems, and ethics, smart government eDemocracy electronic identity, identity management, electronic signature, eElection, eVoting, voting recommendation applications, privacy and ethics eParticipation collaborative working environments, eCollaboration, eCommunity, expert systems and decision support, public memory, and political controlling eSociety collaborative learning, data and opinion mining, eEducation, smart cities, user acceptance, Web based Learning Communities eHealth demand and disease management, eHealth services, eMedicine, eHealth policy and practice, eHealthcare strategies and provision, and confidentiality, wireless telemedicine.

2. Record Nr.	UNINA9910686479803321
Autore	Avetisyan Ara S
Titolo	Electroacoustic Waves in Piezoelectric Layered Composites // by Ara Sergey Avetisyan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-26731-1
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (XIII, 215 p. 54 illus., 38 illus. in color.)
Collana	Advanced Structured Materials, , 1869-8441 ; ; 182
Disciplina	531.7
Soggetti	Continuum mechanics Electronics - Materials Geometrical optics Wave theory of light Acoustics Continuum Mechanics Electronic Materials Classical Optics, Geometric and Wave optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Mathematical boundary value problem of linear electro elasticity -- Chapter 2: Coupled electroactive stress-strain states in piezoelectric textures -- Chapter 3: 2D Multi-Component Electro Acoustic Waves in the Piezoelectric Layer. Localization of Wave Energy -- Chapter 4: Hybrid of normal electroacoustic waves in layered inhomogeneous piezoelectric waveguides. Formulation of some problem -- Chapter 5: Controllability of Electroacoustic Wave Process. .
Sommario/riassunto	This book deals concisely and coherently with various issues related to electroacoustic waves in piezoelectric layered composites. Starting with the basic linear equations and relations of electromagnet elasticity of homogeneous anisotropic piezoelectric media, the book considers the conditions for possible field or partial conjugation of physical and mechanical fields at the junction of two homogeneous media with geometrically homogeneous surfaces. The variety of electromechanical boundary conditions and the separation of plane and anti-plane fields

of elastic deformation in homogeneous piezoelectric crystals are discussed. Then, the statements of the electroacoustic problem in piezo textures are studied and a layered piecewise-homogeneous piezoelectric waveguide is introduced, with non-acoustic contact between different piezoelectric layers. Non-acoustic contact between different piezoelectric layers can lead to the propagation of a hybrid of electroactive waves of plane and anti-plane elastic deformations. In the last part of the book, the problem of controlling electroacoustic waves in a waveguide is formulated. A method for solving problems of control of electroacoustic waves by non-contact surface action is proposed. .

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