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KEY=INTRODUCTION - ENGLISH MATHEWS

INTRODUCTION TO SATELLITE COMMUNICATION

Artech House *The book covers all the fundamentals of satellites, ground control systems, and earth stations, considering the design and operation of each major segment. You gain a practical understanding of the basic construction and usage of commercial satellite networksOCohow parts of a satellite system function, how various components interact, which role each component plays, and which factors are the most critical to success.*"

AN INTRODUCTION TO SATELLITE COMMUNICATIONS

IET *Introduction. Satellites - capabilities and constraints. The RF transmission path and multiple access. Analogue signal processing. Digital signal processing. Maritime, aeronautical and land systems. Earth stations. Systems using small earth stations. Interference and coordination. Measurements and testing.*

SATELLITE TECHNOLOGY

AN INTRODUCTION

Focal Press *Satellite Technology, Second Edition is a complete update of this popular handbook exploring the world of communication satellites. It will help broadcast professionals and students fully understand these indispensable telecommunications tools. Written in easy-to-understand language, this book covers topics ranging from theories of satellite operation to practical instructions for the initial set-up of mobile earth stations. The second edition has been thoroughly updated to include: · the impact of rapid advances in digital technology, · the mass deployment of digital DBS systems, · new initiatives in satellite design, and · changes in regulations.*

INTRODUCTION TO SATELLITE COMMUNICATIONS

Contents: Introduction; Orbital Mechanics; Satellite Tracking; System Description; Multiple Access of Satellites; Jamming of Satellites; Satellite Communications Link Parameters; Earth Terminal Components, Devices, and Systems; Solid State Techniques; Digital Techniques; Testing Philosophy; Communication System Measurements.

AN INTRODUCTION TO SATELLITE COMMUNICATIONS

GLOBAL MOBILE SATELLITE COMMUNICATIONS

FOR MARITIME, LAND AND AERONAUTICAL APPLICATIONS

Springer Science & Business Media *Global mobile satellite communications (GMSC) are specific satellite communication systems for maritime, land and aeronautical applications. It enables connections between moving objects such as ships, vehicles and aircrafts, and telecommunications subscribers through the medium of communications satellites, ground earth stations, PTT or other landline telecommunications providers. Mobile satellite communications and technology have been in use for over two decades. Its initial application is aimed at the maritime market for commercial and distress applications. In recent years, new developments and initiatives have resulted in land and aeronautical applications and the introduction of new satellite constellations in non-geostationary orbits such as Little and Big LEO configurations and hybrid satellite constellations as Ellipso Borealis and Concordia system. This book is important for modern shipping, truck, train and aeronautical societies because GMSC in the present millennium provides more effective business and trade, with emphasis on safety and commercial communications. Global Mobile Satellite Communications is written to make bridges between potential readers and current GMSC trends, mobile system concepts and network architecture using a simple mode of style with understandable technical information, characteristics, graphicons, illustrations and mathematics equations. Global Mobile Satellite Communications represents telecommunications technique and technology, which can be useful for all technical staff on vessels at sea and rivers, on all types of land vehicles, on planes, on off shore constructions and for everyone possessing satellite communications handset phones.*

SATELLITE TECHNOLOGY

AN INTRODUCTION

Routledge *Satellite Technology, Second Edition is a complete update of this popular handbook exploring the world of communication satellites. It will help broadcast professionals and students fully understand these indispensable telecommunications tools. Written in easy-to-understand language, this book covers topics ranging from theories of satellite operation to practical instructions for the initial set-up of mobile earth stations. The second edition has been thoroughly updated to include: · the impact of rapid advances in digital technology, · the mass deployment of digital DBS systems, · new initiatives in satellite design, and · changes in regulations.*

AN INTRODUCTION TO MISSION DESIGN FOR GEOSTATIONARY SATELLITES

Springer Science & Business Media *This book provides an introduction to the mission design of communication satellites. There are many excellent books on orbit mechanics and astrodynamics, but until now there has been no single work that explains the ins and outs of mission design, and explains why things are done the way they are done as well as how they are done. The book will be of interest not only to practising mission analysts, but also to spacecraft systems engineers, spacecraft project managers and to those who wish to employ the unique attributes of geosynchronous spacecraft for useful purposes. At last, an explanation of the ins and outs of mission design is offered in a clear and concise matter. The self-contained reference book utilizes analytical details and illustrations to explain the broad aspects of design and mission operations. This unique approach makes it easier for you to assimilate the necessary information to analyze, plan, and carry out a geosynchronous mission from launch, through orbit transfer and station acquisition, to station-keeping and on-orbit operations. This book will be a useful reference for practising mission analysts, spacecraft systems engineers, project managers and others with a practical interest in the uniqiue attributes of geosynchronous spacecraft.*

COMMUNICATIONS

INTRODUCTION TO SATELLITE COMMUNICATIONS

AN INTRODUCTION TO SATELLITE COMMUNICATIONS

Satellites have not only come to stay, they are to a certain extent destined to take over. Not only are they instrumental in providing us a host of additional television programmes but they are also energetically working for our good in many other ways. Hundreds of them are up there already and more are following in quick succession.

COMMUNICATIONS SATELLITES

AN INTRODUCTION TO THE TECHNOLOGIES OF SPACE COMMUNICATIONS

Halsted Press *This text offers an introduction to communications satellites, explaining how they work and how they are used. Written for the neophyte and old hand alike, the book assumes no prior knowledge of satellite technology and defines technical terms as they are encountered. Covering the full range of technologies used in space communications, Communications Satellites takes a step-by-step approach to the process of selecting the right satellite and Earth stations for a variety of applications.*

MOBILE SATELLITE COMMUNICATION NETWORKS

John Wiley & Sons *Mobile satellite services are set to change with the imminent launch of satellite personal communication services (S-PCS), through the use of non-geostationary satellites. This new generation of satellites will be placed in low earth orbit or medium earth orbit, hence, introducing new satellite design concepts. One of the first texts to cover this rapidly evolving field, this text provides the reader with an overview of mobile satellite systems, from their initial introduction (Inmarsat), current satellite-PCS (referring to such systems as Globalstar), through to Satellite-UMTS and an understanding of the following: * The design concepts associated with non-geostationary satellite systems (constellation, link budgets, Doppler) * The concepts of UMTS (network architecture, aims, in the context of IMT-2000) and the role foreseen for the satellite component (complementary to terrestrial network, network extension, global availability) * Inter-working between satellite and terrestrial networks (network architecture, ATM Adaptation Layer) * Radio interface technologies (WB-CDMA, TDMA, transmission environment) * Regulatory issues * Future services and applications * Potential satellite markets (prediction techniques, effect of tariffing policies on potential market) With leading edge information, this valuable resource will be indispensable to researchers, engineers, operators and market evaluators in satellite service industries and research institutions, as well as postgraduates and research students in the field.*

OLYMPUS

THE COMMUNICATIONS SATELLITE AND ITS USES : AN INTRODUCTION

GLOBAL MOBILE SATELLITE COMMUNICATIONS THEORY

FOR MARITIME, LAND AND AERONAUTICAL APPLICATIONS

Springer *This book discusses current theory regarding global mobile satellite communications (GMSC) for maritime, land (road and rail), and aeronautical applications. It covers how these can enable connections between moving objects such as ships, road and rail vehicles and aircrafts on one hand, and on the other ground telecommunications subscribers through the medium of communications satellites, ground earth stations, Terrestrial Telecommunication Networks (TTN), Internet Service Providers (ISP) and other wireless and landline telecommunications providers. This new edition covers new developments and initiatives that have resulted in land and aeronautical applications and the introduction of new satellite constellations in non-geostationary orbits and projects of new hybrid satellite constellations. The book presents current GMSC trends, mobile system concepts and network architecture using a simple mode of style with understandable technical information, characteristics, graphics, illustrations and mathematics equations. The first edition of Global Mobile Satellite Communications (Springer, 2005) was split into two books for the second edition—one on applications and one on theory. This book presents global mobile satellite communications theory.*

SATELLITE TECHNOLOGY

PRINCIPLES AND APPLICATIONS

John Wiley & Sons *Fully updated edition of the comprehensive, single-source reference on satellite technology and its applications Covering both the technology and its applications, Satellite Technology is a concise reference on satellites for commercial, scientific and military purposes. The book explains satellite technology fully, beginning by offering an introduction to the fundamentals, before covering orbits and trajectories, launch and in-orbit operations, hardware, communication techniques, multiple access techniques, and link design fundamentals. This new edition also includes comprehensive chapters on Satellite Networks and Satellite Technology – Emerging Trends. Providing a complete survey of applications, from remote sensing and military uses, to navigational and scientific applications, the authors also present an inclusive compendium on satellites and satellite launch vehicles. Filled with diagrams and illustrations, this book serves as an ideal introduction for those new to the topic, as well as a reference point for professionals. Fully updated edition of the comprehensive, single-source reference on satellite technology and its applications - remote sensing, weather, navigation, scientific, and military - including new chapters on Satellite Networks and Satellite Technology – Emerging Trends Covers the full range of satellite applications in remote sensing, meteorology, the military, navigation and science, and communications, including satellite-to-under sea communication, satellite cell-phones, and global Xpress system of INMARSAT The cross-disciplinary coverage makes the book an essential reference book for professionals, R&D scientists and students at post graduate level Companion website provides a complete compendium on satellites and satellite launch vehicles An ideal introduction for Professionals and R&D scientists in the field. Engineering Students. Cross disciplinary information for engineers and technical managers.*

SATELLITE COMMUNICATION

PHI Learning Pvt. Ltd. *This compact text provides a thorough, readable treatment of the principles of satellite communication and its various technologies and components. It presents a clear analysis of subsystems of satellites, orbital mechanisms, launching mechanisms, earth and space systems employed in satellite links, and analog and digital communication through satellites. Besides, it explains the different methods used to access the various services provided by a satellite. The text avoids complicated mathematical derivations, but the results of these derivations and their references are used throughout the book when required for understanding the technical concepts. Primarily intended as a textbook for undergraduate students of electronics and communication engineering, telecommunication engineering, and information technology, this easy-to-understand book will also be useful as a reference for professional engineers.*

THE INTRODUCTION OF SATELLITE PERSONAL COMMUNICATIONS SYSTEMS

SATELLITE TECHNOLOGY

PRINCIPLES AND APPLICATIONS

John Wiley & Sons *Offering readers a concise and yet comprehensive reference, Satellite Technology provides a unique coverage of both the principles and applications in this wide field. This book covers the technological and application aspects of satellites in one volume, ensuring not only extensive coverage of communications-related applications of satellites, but also other important applications such as remote sensing, weather forecasting, navigation, scientific and military. The essentials of satellite technology are explained, by giving an introduction to the fundamental topics such as orbits and trajectories, launch and in-orbit operations before going on to describe satellite hardware, communication techniques, multiple access techniques and link design. Topics range from the history and evolution of satellites, and the laws governing motion of artificial satellites around earth, to multiplexing techniques, satellite subsystems and link design fundamentals. Amply illustrated with a large number of figures and photographs, as well as relevant mathematics and design examples Contains a large number of problems with solutions, which would particularly benefit students at undergraduate and graduate levels Companion website provides a complete compendium on features and facilities of satellites and satellite launch vehicles from past, present and planned futuristic satellite missions for various applications The coverage of satellite technology together with its applications make the book an essential reference book for professionals, R&D scientists and engineers and students at undergraduate and postgraduate level.*

INTRODUCTION TO SATELLITE COMMUNICATIONS

INTRODUCTION TO SNG AND ENG MICROWAVE

Taylor & Francis *An excellent primer on the subject, this book gives beginning professionals in satellite newsgathering an introduction to the technologies and processes involved. It will also suit journalists, editors and producers needing to understand this important element of the newsgathering chain. Written for the complete beginner, the book shows how typical transmission chains work and their communication with the studio. It also offers a brief introduction to analogue and digital theory before going onto to explain Electronic Newsgathering (ENG) systems: from basic principles: transmission and reception chains, frequencies used and why, through to audio channel, subcarriers and digital modulation, as well as applications: radio cameras, window links, infra-red & laser links. A brief chapter on satellite theory gives an overview of satellite communication and orbits, basic satellite communication theory, transportables (`flyaways') and trucks, as well as analogue vs digital issues, digital compression and MPEG. Systems regulations and operations are also introduced as well as safety and logistics issues. If you're looking for a quick and easy introduction to the subject, this book will act as an essential on the job reference guide.*

INTRODUCTION TO SATELLITE COMMUNICATION (9781596932104) KE-QTN/0026/09

MOBILE SATELLITE COMMUNICATIONS HANDBOOK

John Wiley & Sons

PROCEEDINGS OF 2019 CHINESE INTELLIGENT SYSTEMS CONFERENCE

VOLUME II

Springer Nature *This book showcases new theoretical findings and techniques in the field of intelligent systems and control. It presents in-depth studies on a number of major topics, including: Multi-Agent Systems, Complex Networks, Intelligent Robots, Complex System Theory and Swarm Behavior, Event-Triggered Control and Data-Driven Control, Robust and Adaptive Control, Big Data and Brain Science, Process Control, Intelligent Sensor and Detection Technology, Deep learning and Learning Control, Guidance, Navigation and Control of Aerial Vehicles, and so on. Given its scope, the book will benefit all researchers, engineers, and graduate students who want to learn about cutting-edge advances in intelligent systems, intelligent control, and artificial intelligence.*

THE SATELLITE COMMUNICATION GROUND SEGMENT AND EARTH STATION HANDBOOK, SECOND EDITION

Artech House *This updated and expanded second edition reflects the state of earth station design and ground segment architecture. From international telephone network gateways to direct broadcast home receivers, today’s broad range of ground systems and devices require satellite communication engineers and business managers to have a broad and sound understanding of the design and operating principles of earth stations and ground control facilities. This book explores the delivery end of the satellite link and its relationship to delivery of services. Authored by a leading authority in the field, the book provides engineers and managers with the knowledge they need to devise their own approach to implementing and managing earth stations and the overall ground segment. Readers find practical guidance in an array of critical areas, including: preparing requirements, performing preliminary analyses, reviewing hardware designs, managing the introduction of the overall ground segment, and more.*

SATELLITE COMMUNICATION

I. K. International Pvt Ltd *Satellite Communication is a special technology in the field of Electronic Communication Systems. A Graduate engineering students with Electronics and Communication Engineering will find this book useful to understand the concepts of satellite communication. This book deals with the technology and gives an adequate treatment of the subject. Analysis and design of satellite communication equipment is also treated to the extent required for the engineering graduates. It is very useful reference for the candidates preparing for higher studies and competitive examinations. Mathematical analysis is presented wherever required and concepts are well illustrated. It also deals with latest technological developments in the related fields*

SATELLITE COMMUNICATIONS PAYLOAD AND SYSTEM

John Wiley & Sons *This is the first book primarily about the satellite payload of satellite communications systems. It represents a unique combination of practical systems engineering and communications theory. It tells about the satellites in geostationary and low-earth orbits today, both the so-called bent-pipe payloads and the processing payloads. The on-orbit environment, mitigated by the spacecraft*

bus, is described. The payload units (e.g. antennas and amplifiers), as well as payload-integration elements (e.g. waveguide and switches) are discussed in regard to how they work, what they do to the signal, their technology, environment sensitivity, and specifications. At a higher level are discussions on the payload as an entity: architecture including redundancy; specifications--what they mean, how they relate to unit specifications, and how to verify; and specification-compliance analysis ("budgets") with uncertainty. Aspects of probability theory handy for calculating and using uncertainty and variation are presented. The highest-level discussions, on the end-to-end communications system, start with a practical introduction to physical-layer communications theory. Atmospheric effects and interference on the communications link are described. A chapter gives an example of optimizing a multibeam payload via probabilistic analysis. Finally, practical tips on system simulation and emulation are provided. The carrier frequencies treated are 1 GHz and above. Familiarity with Fourier analysis will enhance understanding of some topics. References are provided throughout the book for readers who want to dig deeper. Payload systems engineers, payload proposal writers, satellite-communications systems designers and analysts, and satellite customers will find that the book cuts their learning time. Spacecraft-bus systems engineers, payload unit engineers, and spacecraft operators will gain insight into the overall system. Students in systems engineering, microwave engineering, communications theory, probability theory, and communications simulation and modelling will find examples to supplement theoretical texts.

TERRESTRIAL-SATELLITE COMMUNICATION NETWORKS

TRANSCEIVERS DESIGN AND RESOURCE ALLOCATION

Springer *This book targets major issues in terrestrial-satellite communication networks and presents the solutions. While the terrestrial networks can achieve high-speed data service at low cost, satellite based access is one way to complement terrestrial based networks to ensure ubiquitous, 100% geographic coverage. The coexistence and cooperation between terrestrial and satellite networks are of great potential in future communication networks, and satellite radio access networks has already been considered in the fifth-generation (5G) networks to be supported for phase 2. Therefore, it is important to study the architectures of terrestrial-satellite networks, as well as the possible techniques and challenges. The authors introduce the technique of beamforming in satellite communication systems, which is an efficient transmitting method for multiple access, and they discuss the main challenges as well as prospective applications. The authors introduce possible methods for interference cancelation reception in terrestrial-satellite communication networks when reusing the frequency band between the two networks. Due to the limitation of spectrum resources, spectrum sharing will become one of the important issues in terrestrial-satellite communication networks. The problems of spectrum coexistence between GEO and Terrestrial Systems and between GEO and NEGO systems are also discussed. Finally, taking both the two system into consideration, the resource allocation problem will be more complex due to the coupling between resources and the interference. Based on this, the authors propose several resource allocation schemes in different scenarios of terrestrial-satellite communication networks, which can optimize the capacity performance of the system. The expected audience for this book includes (but not limited to) graduate students, professors, researchers, scientists, practitioners, engineers, industry managers, and government researchers working in the field of satellite communications and networks. The expected audience for this book includes (but not limited to) graduate students, professors, researchers, scientists, practitioners, engineers, industry managers, and government researchers working in the field of satellite communications and networks.*

COMMUNICATION FROM THE COMMISSION ON SATELLITE PERSONAL COMMUNICATIONS

DRAFT COUNCIL RESOLUTION ON THE INTRODUCTION OF SATELLITE PERSONAL COMMUNICATION SERVICES IN THE EUROPEAN COMMUNITY

SATELLITE COMMUNICATIONS SYSTEMS ENGINEERING

ATMOSPHERIC EFFECTS, SATELLITE LINK DESIGN AND SYSTEM PERFORMANCE

John Wiley & Sons *The first edition of Satellite Communications Systems Engineering (Wiley 2008) was written for those concerned with the design and performance of satellite communications systems employed in fixed point to point, broadcasting, mobile, radio navigation, data relay, computer communications, and related satellite based applications. This welcome Second Edition continues the basic premise and enhances the publication with the latest updated information and new technologies developed since the publication of the first edition. The book is based on graduate level satellite communications course material and has served as the primary text for electrical engineering Masters and Doctoral level courses in satellite communications and related areas. Introductory to advanced engineering level students in electrical, communications and wireless network courses, and electrical engineers, communications engineers, systems engineers, and wireless network engineers looking for a refresher will find this essential text invaluable.*

AN INTRODUCTION TO MILITARY SATELLITE COMMUNICATIONS

THis memorandum outlines the principles of military satellite communications. It examines the philosophy of system design, and the state of the art in both space and ground segments. Some current UK equipments, including SKYNET 4, are described by way of illustration. THe report is aimed as a broad tutorial introduction to the field, emphasising in particular those areas where Milsatcom differs from its civilian counterparts.

WIDEBAND DIGITAL COMMUNICATION SATELLITE SYSTEM

BASIC ELECTRICAL AND ELECTRONICS ENGINEERING

Firewall Media

TECHNICAL NOTES FOR INTRODUCTION OF IDR SERVICES

TOTAL SATELLITE COMMUNICATIONS CAPABILITY WITH LONG TERM SUPPORT

TELECOMMUNICATION SYSTEMS AND TECHNOLOGIES-VOLUME I

EOLSS Publications *Telecommunication Systems and Technologies theme is a component of Encyclopedia of Physical Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Telecommunication systems are emerging as the most important infrastructure asset to enable business, economic opportunities, information distribution, culture dissemination and cross-fertilization, and social relationships. As any crucial infrastructure, its design, exploitation, maintenance, and evolution require multi-faceted know-how and multi-disciplinary vision skills. The theme is structured in four main topics: Fundamentals of Communication and Telecommunication Networks; Telecommunication Technologies; Management of Telecommunication Systems/Services; Cross-Layer Organizational Aspects of Telecommunications, which are then expanded into multiple subtopics, each as a chapter. These two volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs*

SATELLITE COMMUNICATIONS

PRINCIPLES AND APPLICATIONS

Elsevier *Satellites are increasingly used for global communications, as well as for radio and television transmissions. With the growth of mobile communications, and of digital technology, the use of satellite systems is set to expand substantially and already all students of electronics or communications engineering must study the subject. This book steers a middle path between offering a basic understanding of the process of communication by satellite and the methodology used; and the extensive mathematical analysis normally adopted in similar texts. It presents the basic concepts, using as much mathematical content as is necessary to make the process understandable. The principles introduced are backed up by examples of actual applications showing how professional systems engineers have achieved the required system performance capabilities. The practical systems chosen are representative of modern day applications and comprise an international communications system, an international maritime system and a regional system.*

INTRODUCTION TO WIRELESS COMMUNICATIONS AND NETWORKS

A PRACTICAL PERSPECTIVE

Springer *This book provides an intuitive and accessible introduction to the fundamentals of wireless communications and their tremendous impact on nearly every aspect of our lives. The author starts with basic information on physics and mathematics and then expands on it, helping readers understand fundamental concepts of RF systems and how they are designed. Covering diverse topics in wireless communication systems, including cellular and personal devices, satellite and space communication networks, telecommunication regulation, standardization and safety, the book combines theory and practice using problems from industry, and includes examples of day-to-day work in the field. It is divided into two parts – basic (fundamentals) and advanced (elected topics). Drawing on the author's extensive training and industry experience in standards, public safety and regulations, the book includes information on what checks and balances are used by wireless engineers around the globe and address questions concerning safety, reliability and long-term operation. A full suite of classroom information is included.*

FUNDAMENTALS OF TELECOMMUNICATIONS

John Wiley & Sons *The Second Edition of this critically-acclaimed text continues the standard of excellence set in the first edition by providing a thorough introduction to the fundamentals of telecommunication networks without bogging you down in complex technical jargon or math. Although focusing on the basics, the book has been thoroughly updated with the latest advances in the field, including a new chapter on metropolitan area networks (MANs) and new sections on Mobile Fi, ZigBee and ultrawideband. You'll learn which choices are now available to an organization, how to evaluate them and how to develop strategies that achieve the best balance among cost, security and performance factors for voice, data, and image communication.*

SATELLITE PHOTOELECTRIC SENSING TECHNOLOGY

COMMUNICATION, NAVIGATION AND RECONNAISSANCE

Springer Nature *This book helps to solve the problems and challenges of satellite sensing in the current environment of increasing communications bandwidths and multiplicity of electromagnetic signals. It presents technology that makes full use of the broadband low-loss advantages of optoelectronic technology and research into new broadband radio-frequency channelization and receiving technology based on photoelectric sensing. The methods presented allow improvements in system performance in terms of receiving bandwidth, frequency-sensing accuracy, channel equalization, adjacent channel crosstalk, dynamic range, and complexity of the system structure. In addressing the difficulty of satellite spectrum control, including the issue of high-precision and real-time wide-spectrum sensing not being able to be obtained simultaneously, the book solves the problem of accurate and parallel-decomposition sensing technology using the dual-phase optical frequency comb. This method avoids the involvement of fine filtering and does not require fine alignment between the source and the filter but achieves high perceptual accuracy. Satellite Photoelectric Sensing Technology explores the research background, significance, and current challenges associated with the technology, making it relevant and interesting to academics, practitioners, and postgraduate students in this field.*

MACHINE LEARNING AND INTELLIGENT COMMUNICATIONS

5TH INTERNATIONAL CONFERENCE, MLICOM 2020, SHENZHEN, CHINA, SEPTEMBER 26-27, 2020, PROCEEDINGS

Springer Nature *This volume constitutes the refereed post-conference proceedings of the 5th International Conference on Machine Learning and Intelligent Communications, MLICOM 2020, held in Shenzhen, China, in September 2020. Due to COVID-19 pandemic the conference was held virtually. The 55 revised full papers were carefully selected from 133 submissions. The papers are organized thematically in intelligent resource (spectrum, power) allocation schemes; applications of neural network and deep learning; decentralized learning for wireless communication systems; intelligent antennas design and dynamic configuration; intelligent communications; intelligent positioning and navigation systems; smart unmanned vehicular technology; intelligent space and terrestrial integrated networks; machine learning algorithm and Intelligent networks.*

THE AUSTRALIAN DOMESTIC COMMUNICATIONS SATELLITE - AUSSAT

FACTORS AFFECTING THE INTRODUCTION AND USAGE OF THE SATELLITE AND THE CONVERGENCE OF TELECOMMUNICATIONS AND COMPUTERS