

1. Record Nr.	UNISA996546843403316
Autore	Du Jun
Titolo	Cooperation and integration in 6G heterogeneous networks : resource allocation and networking // Jun Du and Chunxiao Jiang
Pubbl/distr/stampa	Singapore : , : Springer, , [2022] ©2022
ISBN	981-19-7648-1
Descrizione fisica	1 online resource (461 pages)
Collana	Wireless Networks
Disciplina	004.11
Soggetti	Heterogeneous computing Wireless communication systems - Automatic control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Foreword -- Contents -- About the Authors -- Part I Introduction -- 1 Introduction of 6G Heterogeneous Networks -- 1.1 Heterogeneous Architecture of 6G Networks -- 1.2 Challenges of Heterogeneous Resource Allocation -- 1.2.1 Heterogeneous Resource Modeling and Performance Evaluation -- 1.2.2 Task Adaptation and Resource Efficiency -- 1.2.3 Interference Control and Secure Communications -- 1.3 Mathematic Tools for Resource Allocation -- 1.3.1 Information Economics Theory -- 1.3.2 Machine Learning and Artificial Intelligence -- References -- Part II Cooperative Transmission in Heterogeneous Networks -- 2 Introduction of Cooperative Transmission in Heterogeneous Networks -- 3 Traffic Offloading in Heterogeneous Networks -- 3.1 Introduction -- 3.2 Architecture of SDWN -- 3.3 Contract Formulation for Traffic Offloading -- 3.3.1 Transmission Model Formulation -- 3.3.2 Economic Models Formulation -- 3.4 Contract Design for Traffic Offloading -- 3.4.1 Contract Design with Information Asymmetry -- 3.4.1.1 Individual Rationality (IR) -- 3.4.1.2 Incentive Compatibility (IC) -- 3.4.2 Contract Design Without Information Asymmetry -- 3.4.3 Contract Design by Linear Pricing -- 3.5 Conditions for Contract Feasibility -- 3.6 Simulation Results -- 3.7 Conclusion -- References -- 4 Cooperative Resource Allocation in Heterogeneous Space-Based Networks -- 4.1 Introduction -- 4.2 Related Works -- 4.3 System Model -- 4.3.1



bracket left parenthesis 1 plus StartFraction 1 minus beta Over upper N  
 EndFraction right parenthesis mu Subscript max Baseline comma plus  
 normal infinity right parenthesis) /StPNE pdfmark [/StBMC pdfmarkRthr  
 [ ( 1+1-N )max,+ )ps: [/EMC pdfmark [/StPop pdfmark [/StBMC  
 pdfmark -- 6.7.4 Utility Analysis for ps: [/EMC pdfmark [/objdef Equ  
 /Subtype /Span /ActualText (upper R Subscript thr Baseline element of  
 left bracket 0 comma mu Subscript min Baseline right bracket) /StPNE  
 pdfmark [/StBMC pdfmarkRthr[ 0,min ]ps: [/EMC pdfmark [/StPop  
 pdfmark [/StBMC pdfmark -- 6.8 Simulation Results -- 6.8.1 Beam  
 Group's Strategy of the Satellite -- 6.8.2 Expected Utility of the MNO --  
 6.9 Conclusion -- 6.10 Proof of Lemma 6.1 -- 6.11 Proof of Theorem  
 6.1 -- 6.11.1 ps: [/EMC pdfmark [/objdef Equ /Subtype /Span  
 /ActualText (mu Subscript n Baseline element of left bracket upper R  
 Subscript thr Baseline comma mu Subscript max Baseline right bracket)  
 /StPNE pdfmark [/StBMC pdfmarkRthr[ Rthr,max ]ps: [/EMC pdfmark  
 [/StPop pdfmark [/StBMC pdfmark -- 6.11.1.1 Case 1 -- 6.11.1.2 Case  
 2 -- 6.11.2 ps: [/EMC pdfmark [/objdef Equ /Subtype /Span  
 /ActualText (mu Subscript n Baseline element of left parenthesis  
 ModifyingAbove mu With tilde Subscript a Baseline left parenthesis  
 upper R Subscript thr Baseline right parenthesis comma upper R  
 Subscript thr Baseline right parenthesis) /StPNE pdfmark [/StBMC  
 pdfmarkRthr( a( Rthr ),Rthr )ps: [/EMC pdfmark [/StPop pdfmark  
 [/StBMC pdfmark.  
 6.11.2.1 ps: [/EMC pdfmark [/objdef Equ /Subtype /Span /ActualText  
 (upper R Subscript thr) /StPNE pdfmark [/StBMC pdfmarkRthrps: [/EMC  
 pdfmark [/StPop pdfmark [/StBMC pdfmark vs ps: [/EMC pdfmark  
 [/objdef Equ /Subtype /Span /ActualText (empty set) /StPNE pdfmark  
 [/StBMC pdfmarkps: [/EMC pdfmark [/StPop pdfmark [/StBMC pdfmark  
 -- 6.11.2.2 ps: [/EMC pdfmark [/objdef Equ /Subtype /Span  
 /ActualText (upper R Subscript thr) /StPNE pdfmark [/StBMC  
 pdfmarkRthrps: [/EMC pdfmark [/StPop pdfmark [/StBMC pdfmark vs  
 ps: [/EMC pdfmark [/objdef Equ /Subtype /Span /ActualText  
 (ModifyingAbove mu With caret element of left bracket upper R  
 Subscript thr Baseline comma plus normal infinity right parenthesis)  
 /StPNE pdfmark [/StBMC pdfmarkRthr( Rthr,+ )ps: [/EMC pdfmark [/StPop  
 pdfmark [/StBMC pdfmark -- 6.11.3 ps: [/EMC pdfmark [/objdef Equ  
 /Subtype /Span /ActualText (mu Subscript n Baseline equals  
 ModifyingAbove mu With tilde Subscript a Baseline left parenthesis  
 upper R Subscript thr Baseline right parenthesis) /StPNE pdfmark  
 [/StBMC pdfmarkRthr=a( Rthr )ps: [/EMC pdfmark [/StPop pdfmark  
 [/StBMC pdfmark -- 6.11.4 ps: [/EMC pdfmark [/objdef Equ /Subtype  
 /Span /ActualText (mu Subscript n Baseline element of left bracket mu  
 Subscript min Baseline comma ModifyingAbove mu With tilde Subscript  
 a Baseline left parenthesis upper R Subscript thr Baseline right  
 parenthesis right parenthesis) /StPNE pdfmark [/StBMC pdfmarkRthr[  
 min,a( Rthr ) )ps: [/EMC pdfmark [/StPop pdfmark [/StBMC pdfmark  
 -- 6.12 Proof of Theorem 6.3 -- References -- 7 Cooperative  
 Beamforming for Secure Satellite-Terrestrial Transmission -- 7.1  
 Introduction -- 7.2 Related Works -- 7.2.1 Satellite Terrestrial  
 Networks -- 7.2.2 Physical Layer Security -- 7.3 System Model -- 7.3.1  
 Channel Model -- 7.3.2 Received Signal Model -- 7.3.3 Signal-to-  
 Interference Plus Noise Ratio -- 7.3.4 Achievable Secrecy Rate.  
 7.4 Secure Transmission Beamforming Schemes for Satellite Terrestrial  
 Networks.

---

2. Record Nr.	UNINA9911018747003321
Autore	Kent Stephen A
Titolo	Psychobiographies and Godly Visions : Disordered Minds and the Origins of Religiosity // by Stephen A. Kent
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Palgrave Macmillan, , 2025
ISBN	9783031984518 9783031984501
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (417 pages)
Disciplina	201.615
Soggetti	Psychology and religion Psychology of Religion and Spirituality
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Mental Health and Mental Illness: Narcissism, Histrionic Personality Disorder, and the Debate over Psychopathy, Sociopathy, and Anti-Social Personality Disorder -- Chapter 2. Brainwashing, Bipolar Disorder, Delusions, Hallucinations, and Schizophrenia -- Chapter 3: Trauma-Coerced Attachment and Religiously Directed Corporal Punishment -- Chapter 4: A Neurological Disorder Often with Religious Manifestations: Epilepsy -- Chapter 5: The Historical Debate about Muhammad and Epilepsy -- Chapter 6: The Epileptic Muhammad: A Reexamination Based Upon the Qur'an, Hadiths, and Recent Medical Research -- Chapter 7: Sociology and Religious Studies on Disordered Minds and the Origins of Godly Visions -- Chapter 8: Mental Disorders, Neurological Illness, and Psychobiographies about Religions' Creators.
Sommario/riassunto	This book argues that the religious visions and experiences of many religious founders were the result of mental health disorders or neurological conditions, thereby calling into question supernatural origins about the faiths that they developed. It constructs this argument by extensively utilizing psychiatric and other mental health and medical material that social scientists and religious studies scholars have underutilized in their analyses of religious experiences. Using a multi-disciplinary approach to examine psychobiographies of numerous major and minor religious figures in Judaism, Christianity,

and Islam (Ezekiel, Sabbatai evi, St. Paul, John Wesley, and Muhammad), along with leaders of many newer or alternative sects and cults (Rajneesh, Charles Manson, L. Ron Hubbard, David Berg, Marshall Applewhite, Jim Jones, Sun Myung Moon, and Elizabeth Clare Prophet). The book integrates material from religious studies, psychiatry and psychology, neurology, and the social sciences to address issues related to religions' origins. Its extensive bibliography makes it an indispensable resource for scholars of psychiatry and religion, new religious movements, and religious narcissism. Stephen A. Kent (PhD—McMaster University) is an Emeritus Sociology Professor (and, formerly, an Adjunct Professor in the Religion program in the Department of History, Classics, and Religion) at the University of Alberta in Canada. He taught courses and published on alternative and sectarian religions. His articles have appeared in such diverse journals as the Rutgers Journal of Law and Religion, Utah Law Review, Sociological Analysis, Mental Health, Religion, & Culture, Philosophy East and West, Aggression and Violent Behavior, The Canadian Journal of Sociology, The British Journal of Sociology, and The International Journal of Coercion, Abuse, and Manipulation. He has offered over thirty-five expert court testimonies and reports on alternative religions in Canada, Ireland, the United Kingdom, and the United States, and has appeared in over 375 media presentations in fifteen countries. His 2001 book, *From Slogans to Mantras: Social Protest and Religious Conversion in the Late Vietnam War Era*, was selected by Choice: Current Reviews for Academic Libraries, as an "Outstanding Academic Title for 2002."

---

3. Record Nr.	UNINA9911015643303321
Autore	Freymueller Jeffrey T
Titolo	Together Again for Geodesy : Proceedings of the General Assembly of the International Association of Geodesy, Berlin, Germany, 11–20 July, 2023 // edited by Jeffrey T. Freymueller, Laura Sánchez
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-91167-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (860 pages)
Collana	International Association of Geodesy Symposia, , 2197-9359 ; ; 157
Altri autori (Persone)	SanchezLaura
Disciplina	550
Soggetti	Geophysics Geotechnical engineering Geographic information systems Geotechnical Engineering and Applied Earth Sciences Geographical Information System
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I – Reference Systems and Frames -- Opportunities with VLBI Transmitters on Satellites -- Formation of a GNSS Network in Space Based on Simulated LEO Constellations -- Practical Considerations of VLBI Observations to the GENESIS Mission -- Terrestrial Datum Definition Methods in VLBI Global Solutions -- On the Potential of Accelerometers for GNSS on Satellite Positioning and Ensuing Reference Frame Determination -- On DORIS Precise Orbit and Reference Frame Determination Based on the ITRF2020 Using Multiple Altimetry Satellite Missions -- Realisation of the Non-rotating Terrestrial Reference Frame by an Actual Plate Kinematic and Crustal Deformation Model (APKIM2020) -- A Functional Model for Quantifying Deformation in Reference Frame Transformations -- Combined Global GNSS Velocity Field -- Geophysical Loading Correction Comparison and Assessment in VLBI Analysis -- Exploring Non-tidal Atmospheric Loading Deformation Correction in GNSS Time Series Analysis Using GAMIT/GLOBK Software -- Relevance of PSInSAR Analyses at ITRF Co-location Sites -- The DIA-estimator for Positional Integrity: Design and Computational Challenges -- EPOS-OC, a Universal Software Tool for

Satellite Geodesy at GFZ -- Part II – Earth Rotation -- Impact of Free Core Nutation Modeling on the Estimation of Earth Rotation Parameters from Different VLBI Session Types -- Consistently Combined Earth Orientation Parameters at BKG - Extended by New VLBI Intensives Data -- Operational Forecasting of Effective Angular Momentum Functions Fourteen Days Ahead -- Hourly Earth Rotation Parameter Series from GPS and Galileo Observations, and Estimations of Tidal Effects -- EOP Prediction Based on Multi and Single Technique Space Geodetic Solution -- Part III – Gravity Field Modelling and Height Systems -- On the Treatment of Static Gravity Field Signal for Time-Variable Gravity Field Recovery -- Analysis of Novel Sensors and Satellite Formation Flights for Future Gravimetry Missions -- Automated Anomaly and Outlier Detection in GRACE and GRACE Follow-On Post-fit Residuals Using Machine Learning -- Impact of a Priori Gravity Field Models on SLR Data Processing -- Dynamical Evaluation of Gravity Spherical Harmonic Coefficients Due to Generally Shaped Polyhedra -- Optimizing Airborne Flight Line Spacing for Geoid Determination with Full Gravity Vectors -- Update of the Atmospheric Attraction Computation Service (Atmacs) for High-Precision Terrestrial Gravity Observations -- Geoid Computation for the Future Circular Collider at CERN -- Meteorite Impact Origin of Yangju Circular Structure in the Middle Part of the Korean Peninsula Estimated by Gravity Field Interpretation -- Achievements of the GGOS Focus Area Unified Height System -- Operational Infrastructure to Ensure the Long-Term Sustainability of the International Height Reference System and Frame – IHRF/IHRF -- Estimation of the Argentinean Vertical Datum Parameter with Respect to the International Height Reference Frame (IHRF) -- Densification of the IHRF in Denmark, The Faroe Islands, and Greenland -- Part IV – Monitoring Sea Level Changes by Satellite and In-Situ Measurements -- The Impact of Different Geophysical Corrections on Altimetry-Derived Sea Level Rise Estimates - Wet Troposphere -- Bathymetry Estimation from ICESat-2 in a Region Swamped by Mud – A Case Story from Moreton Bay -- Performance Analyses of Sentinel-3A and Sentinel-3B over Lake Issyk Kul (Kyrgyzstan) -- Vision of a Clock-based Network for Absolute Sea Level Monitoring -- Part V – Monitoring and Understanding the Dynamic Earth with Geodetic Observations -- Towards Clock Ties for a Global Geodetic Observing System -- Assessment of the Tropospheric Delay Coefficients at Co-located Sites with VGOS and GNSS -- Real-Time GNSS Integrated Water Vapor Sensing Based on Time Series Correction Deep Learning Model -- Analyzing the 3D Deformation Induced by Non-Tidal Loading in GNSS Time Series in Finland -- A Geodetic Analysis of ACC Volume Transport with Satellite Data -- A Pipeline to Explore Transient Signals in GNSS Data: A Preliminary Approach Applied to the Cascadia Subduction Margin -- Emphasizing the Value of Geodesy to Science and Society Through IAG-GGOS -- EPOS-GNSS Data Quality Monitoring Web Portal -- The GGXF Standard File Format for Gridded Geodetic Data -- Signal Decomposition with InSAR Displacement Time Series Above a Storage Cavern Field: Example Epe (NRW, Germany).

---

### Sommario/riassunto

This open access volume contains 46 selected papers from the symposia organised or co-organised by the International Association of Geodesy (IAG) in the framework of the 28th General Assembly of the International Union of Geodesy and Geophysics (IUGG). The conference was held in Berlin, Germany, from 11 to 20 July under the theme "Together again in the geosciences". It marked a return to face-to-face meetings after the pandemic restrictions. A total of 4,884 participants from 100 countries attended, of whom 607 registered for the IAG. The Assembly featured a total of 3,200 oral presentations and 1,300 poster

presentations, of which 661 were related to the IAG.

---