10th International Conference on Recent Advances in Air and Space Technologies (RAST 2023)
Conference Program

Time	June 7, 2023 (Wednesday)			
09.00-10.00	REGISTRATION - Welcome Cocktail			
10.00-10.45	OPENING CEREMONY & SPEECHES (Atatürk Conference Hall)			
10.45-11.45	KEYNOTE SPEECH (Atatürk Conference Hall) Prof. Soon-Jo Chung, PhD California Institute of Technology, USA Title: Spacecraft Swarms: Opportunities and Challenges Using Artificial Intelligence Prof. Tatsuaki Hashimoto, PhD Japan Aerospace Exploration Agency, Japan Title: Semi-Hard Landing on the Moon: A Challenge to Ultra-Small Lunar Exploration			
11:45-12:00	GROUP PHOTO SHOOT			
12:00-13:30	LUNCH			
	Vatan Conference Hall	Seminar Hall 1	Seminar Hall 2	Seminar Hall 3
13:30-15:00	Sponsor Presentations	UAV and Swarm System Technologies Chair: Ramazan Yeniçeri Paper IDs: 51, 57, 81, 143, 242	Special Session Attidude Determination and Control for Small Satellites - I Chair: Chingiz Hajiyev Paper IDs: 40, 117, 146, 177	Technical Sponsor Presentation
15:00-15:15	COFFEE BREAK			
	Vatan Conference Hall	Seminar Hall 1	Seminar Hall 2	Seminar Hall 3
15:15-16:45	Special Session Blockchain Research and Applications in Aerospace Chair: S. Alper Sert Paper IDs: 62, 66, 124, 134, 157	UAV and Swarm Control Systems Chair: Selim Sivrioğlu Paper IDs: 56, 87, 101, 158, 247	Special Session Attidude Determination and Control for Small Satellites - II Chair: Halil Ersin Söken Paper IDs: 192, 194, 209, 217	Aeroelastic and Aerodynamic Investigations on Aerospace Structures Chair: İbrahim Sinan Akmandor Paper IDs: 43, 181, 193, 222, 260

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Time	June 8, 2023 (Thursday)				
09:00-10:30	**Vatan Conference Hall** Special Session Modelling, Simulation & Serious Games Chair: Mehmet Bayram Paper IDs: 16, 23, 141, 195, 255	**Seminar Hall 1** UAV and Swarm System Security Chair: Özge Özdemir Paper IDs: 31, 69, 97, 239, 241	**Seminar Hall 2** Analysis of Composite Aerospace Structures Chair: Halit Süleyman Türkmen Paper IDs: 55, 74, 115, 129, 240	**Seminar Hall 3** Computational Fluid Dynamics Analysis Subjects Chair: Asraf Ali Mohamed Omar Paper IDs: 84, 110, 112, 139, 252	**Seminar Hall 5** Heat Transfer Based Numerical and Experimental Studies Chair: Ali Arshad Paper IDs: 54, 64, 93, 185
10:30-10:45	COFFEE BREAK				
10.45-11.00	OPENING SPEECH (Vatan Conference Hall) Serdar Hüseyin Yıldırım President of Turkish Space Agency				
11:00-12:00	KEYNOTE SPEECHES (Vatan Conference Hall) Prof. Ruxandra Mihaela Botez, PhD University of Quebec, Canada Title: Methodologies for Morphing Unmanned Aerial Systems Performance Improvement Assoc. Prof. Arif Karabeyoğlu, PhD Koç University, Türkiye Title: Türkiye's Aspirations in Space				
12:00-13:30	LUNCH				
13:30-15:00	**Vatan Conference Hall** Special Session IMECE Satellite: Turkish Space Endeavour - I Chair: Özgür Kahraman Paper IDs: 216, 229, 230, 257, 264	**Seminar Hall 1** Artificial Intelligence in Aerospace Technologies - I Chair: Fatma Gümüş Paper IDs: 24, 60, 160, 214, 262	**Seminar Hall 2** Dynamical Analysis in Aerospace Structures Chair: Serhat Yılmaz Paper IDs: 26, 39, 86, 108, 176, 253	**Seminar Hall 3** Special Session GNSS and Control System Analysis in Aerospace Vehicles - I Chair: Halil Ersin Söken Paper IDs: 17, 47, 191, 248	**Seminar Hall 5** Flight Mechanics and Propulsive Performance Chair: Hayri Acar Paper IDs: 21, 45, 82, 98, 198
15:00-15:15	COFFEE BREAK				
15:15-16:45	**Vatan Conference Hall** Special Session IMECE Satellite: Turkish Space Endeavour - II Chair: Burak Yağlıoğlu Paper IDs: 265, 266, 267, 268, 285	**Seminar Hall 1** Artificial Intelligence in Aerospace Technologies - II Chair: Can Eyüpoğlu Paper IDs: 80, 127, 173, 218, 238	**Seminar Hall 2** Mechanical Behaviors of Aerospace Structures Chair: Ahmet Salih Yiğit Paper IDs: 30, 44, 88, 114, 162, 249	**Seminar Hall 3** Special Session GNSS and Control System Analysis in Aerospace Vehicles- II Chair: İsmail Bayezit Paper IDs: 48, 95, 151, 244, 258	**Seminar Hall 5** Deep Learning in Aerospace Technologies Chair: Mustafa Kara Paper IDs: 38, 67, 155, 190, 259

10th International Conference on Recent Advances in Air and Space Technologies (RAST 2023)
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Time	June 9, 2023 (Friday)			
09:00 -10:30	Vatan Conference Hall	Seminar Hall 1	Seminar Hall 2	Seminar Hall 3
	Special Session Programmatic, Technical and Scientific Aspects of the First Turkish Lunar Mission - I Chair: Burak Yağlıoğlu Paper IDs: 270, 272, 273, 275, 276, 278	Optical Systems and Applications - I Chair: Necip Gökhan Kasapoğlu Paper IDs: 36, 120, 234, 246	Space Environment Related Studies Chair: Nebiye Musaoğlu Paper IDs: 70, 107, 111, 118	Spacecraft and Space Mission Architecture and Subsystems - I Chair: Tuncay Yunus Erkeç Paper IDs: 96, 106, 130, 235, 281
10:30-10:45	COFFEE BREAK			
10:45-12:00	Vatan Conference Hall	Seminar Hall 1	Seminar Hall 2	Seminar Hall 3
	Special Session Programmatic, Technical and Scientific Aspects of the First Turkish Lunar Mission - II Chair: Ali Baygeldi Paper IDs: 271, 279, 280, 282, 283, 287	Optical Systems and Applications - II Chair: Alim Rüstem Aslan Paper IDs: 128, 131, 132, 133	Remote Sensing and Photogrammetry - I Chair: Mehmet Özdemir Paper IDs: 83, 104, 136, 138, 196	Spacecraft and Space Mission Architecture and Subsystems - II Chair: Husameldin Mukhtar Paper IDs: 19, 25, 28, 72, 113, 182
12:00-14:00	LUNCH			
14:00-15:30	Vatan Conference Hall	Seminar Hall 1	Seminar Hall 2	Seminar Hall 3
	Special Session Guidance, Navigation and Control Technologies for Advanced Aerospace Systems - I Chair: Chingiz Hajiyev Paper IDs: 18, 41, 85, 123, 125	Electronic Warfare Systems Design and Development Chair: H. F. Selim Bayraklı Paper IDs: 50, 68, 100, 135, 186	Remote Sensing and Photogrammetry - II Chair: Elif Sertel Paper IDs: 29, 34, 35, 46, 237	Satellite Systems Design and Experiments Chair: Espen Oland Paper IDs: 65, 147, 149, 206, 233, 254
15:30-15:45	COFFEE BREAK			
15:45-17:00	Vatan Conference Hall	Seminar Hall 1	Seminar Hall 2	Seminar Hall 3
	Special Session Guidance, Navigation and Control Technologies for Advanced Aerospace Systems - II Chair: Chingiz Hajiyev Paper IDs: 126, 159, 221, 228	Orbit, Trajectory and Asteroid Mining Approaches Chair: Demet Çilden Güler Paper IDs: 58, 152, 156, 164, 226, 243	Remote Sensing and Photogrammetry - III Chair: Gürcan Büyüksalih Paper IDs: 42, 79, 197, 204, 234, 288	Decision-Making Applications on Space Technologies Chair: Fatma Kutlu Gündoğdu Paper IDs: 52, 150, 161, 205, 207, 227
17.00-17:15	CLOSING CEREMONY			

Paper IDs	Paper Titles
16	Simulation of Autonomous Grading of Lunar Surface
17	Sensitivity Analysis to Estimate the Positional Accuracy of a Small Size Unmanned Aerial Vehicle
18	Relative State Estimation for Two-Satellite Formation with Three Extented Kalman Filters Architecture Using GNSS Receivers
19	Cluster Satellite Relative Navigation with Angularly Oriented and Colored Light Source Image Processing
21	Agile Methods on Flight Tests
23	1D Simulation of a Single Engined VLA Class Aircraft's Fuel System
24	Machine Learning-Based Fault Diagnosis Approach for Geosynchronous Satellite Power Systems
25	The Development and Validation of a Dependable Power Distribution Module with Four Switching Lines for Nanosatellite Application
26	A Landing Dynamics Analysis Model for STOVL Aircraft
28	Novel design of Multi-band satellite antenna for X-band applications
29	Multi-Criteria Strategy for Estimating GEDI Terrain Height
30	Numerical Study on the Structural Behaviour of a Solid Propellant Rocket Motor Bolted Flange Joint Under Internal Pressurization
31	Securing the Skies: Exploring Privacy and Security Challenges in Internet of Drones
34	Superpixel Weighted Low-Rank and Sparse Approximation for Hyperspectral Unmixing
35	Locality Constraint Joint-Sparse and Weighted Low-Rank Based Hyperspectral Image Classification
36	Development of a Reflector Optical Telescope Subsystem for Remote Sensing
38	Decision Probability Based Immune Plasma Algorithm for Path Planning Problem of Unmanned Aerial Vehicles
39	The Characterization of Impact Dynamics in Aerospace Structures – The Case of Deformable Impactors
40	Multiple Fading Factors Based Adaptive SVD-Aided UKF for Small Satellite Attitude Estimation
41	Comparison of EKF & UKF for GNSS Based Micro Satellite Orbital State Estimation
42	Extraction of Modulation Transfer Function by using Simulated Satellite Images
43	Application of SG6043mod Airfoil for the Enhanced Aerodynamic Characteristics of UAV Wing
44	Virtual Investigation on the Response of Glare to Low Velocity Impact
45	Design and Analytical Analyses of eVTOL UAV Performance Calculator for Power and Energy
46	Geometry and Image Quality Assessment of SkySat Imagery for Building Identification

47	Unsupervised Clustering of GNSS Receiver Measurements for Satellite Selection
48	Structured H-Infinity and Modal Control Approaches on a Flexible Micro Satellite – A Comparison Analysis
50	Quality Assurance & Standards in Space Projects
51	From Concept to Flight: Developing a Hybrid Solar-Powered UAV Prototype for Malaysian Skies
52	Case Study on Selecting Optimal Design for Main Central Cone of Low Earth Orbit Satellite
54	Numerical and Experimental Investigations on Radiative Heat Flux Characteristics of an Infrared Quartz Lamp
55	Creep Modeling of 3D Printed Carbon Black Reinforced Polyetherimide Composites
56	2-DOF Robust H∞ Controller Synthesis for Fin Actuation System
57	Spin Hamiltonian Investigations on Atomic Spin Gyroscope Using EasySpin Toolbox
58	Conjunction Analysis and Avoidance Principles from Uncontrolled Space Objects Used at Turksat
60	Prediction of the Spacecraft Position Relatively to the Focal Line of the Solar Gravitational Lens by Neural Network
62	Blockchain-Based Safety and Efficiency Approach to Air Traffic Management
64	A Numerical Investigation of Total Temperature Probes Measurement Performance
65	Low Earth Orbit-Based Small-Size Constellation Satellite System Design For Communication Between Türkiye and Antarctica
66	UASChainSec: A Blockchain Based Framework for Secure 5G-Capable UAS Communication
67	Recognizing and Tracking Person of Interest: A Real-Time Efficient Deep Learning Based Method for Quadcopters
68	Designing of Harmonics Filter for Radio Systems at 30-49 MHz
69	A New Anomaly-Based Intrusion Detection System for MIL-STD-1553
70	Investigation of Earth's Bow Shock Characteristic Using Data Retrieved from THEMIS C Spacecraft
72	A PLL Frequency Synthesizer Design for C-band Satellite Communications
74	Direct Foaming Approach for Reinforcing Re-entrant Auxetic Structures for Superior Compressive Properties and Energy Absorption
79	Performance Analysis of MADGRAD, MirrorMADGRAD and ADAM Optimizers on a CNN Model in the Hyperspectral Image Classification
80	Calculating the Vegetation-to-Building Ratio in Urban Environment Using Remote Sensing Images and Artificial Neural Network. A Case Study From Sofia, Bulgaria
81	Blockchain Based Data Sharing within Unmanned Aerial Vehicles Swarm
82	New Generation Electric Tail Rotor Performance Analyses
83	Comparative Analysis of Deep Learning and Machine Learning Models for Burned Area Estimation Using Sentinel- 2 Image: A Case Study in Mugla-Bodrum, Turkey
84	RAE M2129 S-Shaped Air Intake CFD Analysis Using OpenFOAM

85	Spacecraft Control During the Descent to the Surface of Jupiter's Satellite Callisto
86	The Free Vibration Characteristics of Canadair NF-5 Aircraft Canopy
87	Stabilizing Adaptive Feedback Controller Design for a Helicopter Gun Turret System
88	An Inverse Synthesis Method for The Determination of Effective Mechanical Properties for Additively Manufactured Aperiodic Structures with Finite Thickness
93	Novel Gas Turbine Waste Heat Recovery Air Cycle Electrical Generator
95	Model Predictive Control of a Flexible Spacecraft with Constraints on Torques
96	Design and analysis of inflatable structures for space applications
97	Efficient Motion Control Strategy for Drone Swarms
98	Certification Compliant Performance Analysis and Requirements Management of an Electrically Powered General Aviation Aircraft
100	A Novel Metasurface Multifunctional Polarization Converter in X- and Ku- Bands for Radar Cross Section (RCS) Reduction Application
101	Gaining Swarm Behavior through Establishing a Control System and Communication Network on Unmanned Aerial Vehicles
104	Vessel Detection from Optical Remote Sensing Images with Deep Learning Methods
106	A Low Cost, Efficient Electrical Power System Design for CubeSat
107	Spacecraft Surface Charging Prediction using CIMI and SPIS Coupled Model
108	Experimental and Numerical Vibration Analysis of GLARE Beams
110	Numerical Simulation of the Flapping Eagle, Owl and S1223 Airfoils
111	Determination of Space Object Size in LEO using Measurement of Brightness
112	Numerical Investigations of low Reynolds Number Aerodynamics of Bio-Inspired 3D wings
113	Dual-Polarized Reflectarray for High-Speed Satellite Communication
114	Mechanical Behaviour of Adhesively Bonded Single Strap Joints under Three-Point Bending Loading
115	Structural Optimization of Composite Panels Using Genetic Algorithm
117	Stabilization of Non-Cooperative Satellites in Low Earth Orbits using Inter-Satellite Atmospheric Drag
118	Space Radiation Estimation for The Turkish Lunar Mission
120	End-to-End Modulation Transfer Function (MTF) Simulator for High-Resolution Spaceborne Electro-Optic Imagers
123	Quadcopter Guidance Law Design using Deep Reinforcement Learning
124	A Multi-Level Blockchain-based Node Authentication Approach for UAV-assisted Wireless Sensor Networks
125	Design of a Guidance System for an Airlaunch Rocket Using Iterative Guidance Mode

126	Analyzing the Effects of Visual Based Tracking Algorithms on Classical Guidance Methods
127	Comprehensive Overview of a Process-Oriented Build Tool for Airborne Safety-Critical Software Development
128	Design of a Compact Telephoto Objective for 6U CubeSats
129	High-Velocity Impact Responses of Composite Sandwich Panels with Honeycomb Core by Using Experi-Mental and Numerical Methods
130	Development and Application of a Parallel Two-Stage RLS-based Fault Detection for Nonlinear Thrust Vector Control Actuator on a Sounding Rocket
131	A Comparative Study of Maksutov-Cassegrain and Ritchey-Chretien Optical Designs for 6U CubeSats
132	Performance Comparison of Deblurring Techniques for Optical Satellite Imagery Using MTF
133	Sigma Vector Calculations in Nodal Aberration Theory (NAT) and Its Experimental Investigations
134	A Role-Based Access Control Management Model on Blockchain for Restricted Facilities: An Airport Example
135	Vivaldi Antenna Design With Frequency Selective Surfaces for GPR Applications
136	Alternative Methods Based on Subtraction and Linearization of the Noise Fields for Wide-Beam SAR Image Denoising
138	Comparison of Feature Extraction Methods for Automated Target Recognition by Reducing Speckle Noise in SAR Data
139	Passive Flow Control of a Generic Rocket at Transonic Speeds Using a Ventillation Wall
141	Numerical Simulation of Hypervelocity Space Debris Impact
143	File System for Aircraft Maintenance Records Based on Blockchain and IPFS
146	Data-Driven Model Discovery and Control: Real-Time Implementation to Highly Maneuverable Aircraft Lateral-Directional Dynamics
147	Trends in SAR Satellite Design: From Tons of Mass to Hundreds of Kilograms in Designing SAR Satellite
149	Early Detection of Wildfires in the European Area with Nano-Satellite Constellations
150	Optimization of the Aeroacoustics and Aerodynamics of a wind turbine airfoil with Serrations using Multi-Criteria Decision Making
151	Future Trends and Challenges of Autonomous and Robotic Systems in Air and Space Technologies
152	Preliminary Design of Asteroid Mining Tycoon Game
155	Deep Reinforcement Learning for Trajectory Generation and Optimization of UAVs
156	Petrograpy of Vigarano Type NWA 5508 Carbonaceous Chondrite
157	An Immutable Navigation Database on Blockchain
158	Formation Control of Unmanned Aerial Vehicles for Dynamically Changing Formations Facing Suddenly Emerging Environmental Features
159	Performance Analysis of System Identification Techniques for a Rocket
160	Prototype of a Martian Rover Programmed by Mamdani Inference Method with Fuzzy Logic

161	Ranking the Criteria for Assessing Space Debris Removal Technics by BMW and FUCOM Methods
162	Investigation of the Behavior of an Aircraft Wing Exposed to Lightning Strike with an Analytical-Based Model
164	Robust Trajectory Optimization of Constrained Re-Entry Flight
173	A Survey of Prominent Image Processing Research on Needle-Type Instrument Reading on Aircraft
176	The Solution of Helicopter Ground Resonance Instability
177	Quaternion Interpolation Under the Angular Velocity Constraint
181	Effect of Airfoil Thickness on Flow over the Cambered Airfoils
182	Polarization-Frequency Reflectometry Technique For Aerospace Tasks
185	Numerical Investigation of Hybrid Rocket Nozzle Heat Transfer and Test Validation
186	FPGA Implementation of CCCDS Standards Based on Satellite Telecommand System
190	Comparative Study on Vibration Control Using Reinforcement Learning
191	Analysis of GDOP Based on GEO Satellite
192	External Magnetic Field Contributions to B-Dot Attitude Control of a Nanosatellite
193	An Analytical Investigation of Propeller Whirl Flutter
194	Onboard Gyro Calibration for Small Satellites Using Star Tracker Measurements
195	Modeling and Simulation of Pre-Apogee Trajectories for Low Altitude Rockets
196	Evaluation of Modern Deep Learning Architectures in Remote Sensing Scene Classification
197	Sufficiency Assessment of Assembly Areas After Kahramanmaraş Earthquakes 2023 by Remote Sensing
198	The Effect of Injector Geometry on Performance of a Lab-Scale Hybrid Rocket Motor
204	Estimation of Strain Values of Aluminum Based Aviation Materials by Using Artificial Neural Network
205	Launch Vehicle Selection with TOPSIS: Multi-Criteria Decision Making for Space Mission
206	Tether Experiment: PocketQube Deployed from a CubeSat
207	Air Aid Bridge Problem for the Case of Possible Istanbul Earthquake
209	Field of View and Accuracy Improvement of a Coarse Sun Sensor
214	Artificial Neural Network Based Initial Orbit Determination for Angle-Only Data
216	TUBITAK UZAY Spaceborne GNSS Receiver System for LEO Applications
217	Enhancing Disturbance Rejection in Minisatellite Attitude Control: A Comparative Study

218	Prevention of Aviation Accidents with Prediction of Cognitive States
221	A Semi-Analytic Approach for Trajectory Design Optimization Using Linearized Equations of Motion
222	Effect of Airfoil Thickness on Flow over the Symmetric Airfoils: Part I-Experimental Analysis
226	Trajectory Optimization for a Single Stage Launcher with Constrained Conditions
227	Decision for the Next Unmanned Aerial Vehicle Considering Regional Operational Requirements Based on Z-Fuzzy Best-Worst Method
228	Aircraft State Estimation via KF&AKF Methods
229	On-Board Orientation Control of a Steerable Antenna for Ground Station Tracking on LEO Satellites
230	Electrical Power Subsystem of IMECE Satellite
233	Cost Effect of Launch Site Location on Multistage Rocket Design to Be Used in Geostationary Satellite Launch Missions
234	Design and Development of Reflector Telescope
235	Turkey's First Space-Qualified Electric Propulsion System Developed at TUBITAK UZAY for GEO Communication Satellite Project
237	Determination of Caspian Sea Coastal Changes Using Remote Sensing and Geographic Information Systems
238	An Artificial Neural Network Approach to Predict Strain Gauge Results of Unidirectional Laminated Composites' Tensile Test
239	Post-Disaster Area Monitoring with Swarm UAV System for Effective Search and Rescue
240	The Effects of Thickness and Stacking Sequence on Crippling Phenomenon for Laminated Composites Structures
241	A Multi-Drone System for Formation Flight and Solo Attack
242	Landing with Confidence: The Role of Digital Twin in UAV Precision Landing
243	SAR Satellite Orbit Design and Power Consideration
244	Flight Control System Design for Fixed Wing Aircraft
246	Attitude Guidance Effects on Image Quality for Spaceborne Electro-Optic Imagers with TDI
247	Assessment of Atmospheric Radiation Effects on Aircraft Safety Analysis
248	A Lyapunov-based Nonlinear Discrete-Time Controller Design for Attitude Control of Quadrotor Unmanned Aerial Vehicles
249	Thermal Buckling Analysis of Rectangular Plate Structures by Differential Quadrature Method
252	Computational Investigation of Turbulent Shock Wave Boundary Layer Interaction via Secondary Recirculation Induced Wall Jet
253	Free Vibration Analysis of Accelerated Helicopter Rotor Blade
254	The Design and Development of the High-Altitude "ECubeSat" Model for Academic and Professional Purposes
255	Simulation of Counter-UAV Tactics Against Drone Swarms: A Serious Game Approach

257	Wideband Circularly Polarized Antenna for Multiband GNSS Receiver on IMECE
258	Perturbation Effect to Orbit Motion of Satellite for Positioning System
259	Missile Evasion Maneuver Generation with Model-Free Deep Reinforcement Learning
260	Flutter Analysis of a 3D Aeroelastic Wing by Aerodynamic Strip Theory
262	Artificial Intelligence in Air and Space Technologies: A Scientometric Analysis
263	UNISEC-Global - Past Present and Future
264	IMECE Satellite Attitude and Orbit Control Subsystem - AOCS Overview
265	IMECE Satellite Systems Engineering Activities
266	X-Band Antenna with Electro-Mechanical Steering Mechanism for IMECE Satellite
267	Vibro-Acoustic Analysis of IMECE
268	First Reaction Wheel Qualified in Türkiye
270	Moon Research Program of Türkiye
271	An Overview of the Electrical Power Subsystem of the First Turkish Lunar Mission
272	The First Turkish Lunar Mission Part 1: Programmatic Mission and System Aspects
273	The First Turkish Lunar Mission Part 2: Overview of Space Segment
275	Lunar Neutrals Telescope Onboard the First Turkish Lunar Mission
276	Compact Crystal Calorimeter Coupled to SiPMs for Particle Flux and Enegry Measurements in Space - IRADCAL
278	Hybrid Propulsion System for the First Turkish Lunar Mission
279	Tracking the Albedo and Thermal Radiation with a Lunar Narrow Field of View Radiometer
280	Orbital Transfer Performance Analysis for the First Turkish Lunar Mission
281	Turkish First Indigenous 100V Satellite Power Subsystem
282	Overview of the Propulsion System of the First Turkish Lunar Mission
283	Instrument Overview of the Turkish Lunar Mission Optical Payloads
285	Electric Propulsion System Including Hall-Effect Thruster for IMECE Satellite
287	Radiation Analysis for the First Turkish Lunar Mission
288	Object-Oriented Extraction of Highway Bridges Using Very High Resolution Digital Aerial Images and Digital Surface Model