G05-149 Optimal Solar Sail Trajectories for Missions to the Outer Solar System. Bernd Dachwald, *DLR, German Aerospace Center, Germany* (**28**, 6, p. 1187) Article based on AIAA Paper 2004-5406

G05-150 Fuel-Optimal, Power-Limited Rendezvous with Variable Thruster Efficiency. Giovanni Mengali and Alessandro A. Quarta, *University of Pisa, Italy* (**28**, 6, p. 1194) Article

G05-151 Satellite Orbit Transfer and Formation Reconfiguration via an Attitude Control Analogy. Prasenjit Sengupta and Srinivas R. Vadali, *Texas A&M University* (**28**, 6, p. 1200) Article

G05-152 Control Strategies for Formation Flight In the Vicinity of the Libration Points. B. G. Marchand and K. C. Howell, *Purdue University* (**28**, 6, p. 1210) Article

G05-153 Peer-to-Peer Refueling for Circular Satellite Constellations. Haijun Shen, *Analytical Mechanics Associates, Inc.*; and Panagiotis Tsiotras, *Georgia Institute of Technology* (**28**, 6, p. 1220) Article

G05-154 Stabilization of Satellite Motion Relative to a Coulomb Spacecraft Formation. Hanspeter Schaub, *Virginia Polytechnic Institute and State University* (**28**, 6, p. 1231) Article

G05-155 Longitudinal H_∞ Stability Augmentation System for a Thrust Vectored Unmanned Aircraft. N. Kannan and M. Seetharama Bhat, *Indian Institute of Science, India* (**28**, 6, p. 1240) Article

G05-156 Rudder Control Strategies and Force/Feel System Designs in Transport Aircraft. Ronald A. Hess, *University of California, Davis* (**28**, 6, p. 1251) Article based on AIAA Paper 2004-4701

G05-157 Integrating Fly-by-Wire Controls with Perspective Flight-Path Displays. M. Mulder, A. R. Veldhuijzen, M. M. van Paassen, and J. A. Mulder, *Delft University of Technology, The Netherlands* (**28**, 6, p. 1263) Article based on AIAA Paper 2002-4928

G05-158 Robust Antiwindup for Manual Flight Control of an Unstable Aircraft. Giulio Avanzini, *Politecnico di Torino, Italy*; and Sergio Galeani, *Università di Roma "Tor Vergata," Italy* (**28**, 6, p. 1275) Article

G05-159 Optimization of Spacecraft Thruster Management Function. Finn Ankersen and Shu-Fan Wu, *European Space Research and Technology Center of European Space Agency, The Netherlands*; Alexander Aleshin, Alexander Vankov, and Vladimir Volochinov, *D-3-Group GmbH, Germany* (**28**, 6, p. 1283) Article based on AIAA Paper 2004-5133

G05-160 Control of Flexible Aircraft Executing Time-Dependent Maneuvers. Leonard Meirovitch, *Virginia Polytechnic Institute and State University*; and Ilhan Tuzcu, *University of Alabama* (**28**, 6, p. 1291) Article based on AIAA Paper 2004-1634

G05-161 Analytical Solutions for Thrusting, Spinning Spacecraft Subject to Constant Forces. James M. Longuski, *Purdue University*; R. A. Gick, *The Aerospace Corporation*; Mohammad A. Ayoubi, *Purdue University*; and Laura A. Randall, *Space Systems/Loral* (**28**, 6, p. 1301) Article

G05-162 Effect of Electromagnetic Forces on the Orbital Dynamics of Tethered Satellites. Eric L. Lanoix, *Titan Corporation*; Arun K. Misra, *McGill University, Canada*; Vinod J. Modi, *University of British Columbia, Canada*; and George Tyc, *Macdonald Dettweiler Associates, Canada* (**28**, 6, p. 1309) Article

G05-163 Close-Formation Flight Control with Motion Synchronization. J. Shan and Hong-Tao Liu, *The Institute for Aerospace Studies, University of Toronto, Canada* (**28**, 6, p. 1316) Technical Note

G05-164 Analytic Orbital Averaging Technique for Computing Tangential-Thrust Trajectories. Y. Gao and C. A. Kluever, *University of Missouri–Columbia* (**28**, 6, p. 1320) Technical Note

G05-165 Controller Design Using Adaptive Random Search for Close-Coupled Formation Flight. Rajeeva Kumar and Pierre Kabamba, *University of Michigan*; and David C. Hyland, *Texas A&M University* (**28**, 6, p. 1323) Article

G05-166 Calculating Collision Probability for Arbitrary Space Vehicle Shapes via Numerical Quadrature. Russell P. Patera, *The Aerospace Corporation* (**28**, 6, p. 1326) Technical Note based on AIAA Paper 2004-5218

Books Reviewed During 2005

Optimal Control Theory for Applications, by David G. Hull, *Springer-Verlag* (Vol. 28, No. 1, p. 191); reviewed by John E. Prussing

Marine Control Systems: Guidance, Navigation, and Control of Ships, Rigs and Underwater Vehicles, by Thor I. Fossen, *Marine Cybernetics* (Vol 28, No. 3, p. 574); reviewed by Craig A. Woolsey