c. Publications and scholarly presentations

c.4 Publications and scholarly presentations

c.4.1 Full articles in refereed publications


68. E. Atkins and M. Xue, “Noise Sensitive Final Approach Trajectory Optimization for
c.4.2 Shorter communications, letters or notes or briefs in refereed publications


c.4.3 Refereed conference or symposium proceedings papers


38. Z. Li, X. Yin, I. Kolmanovsky, J. Lu, D. Filev, and E. Atkins, “Robust H-infinity Control for a Class of Networked Uncertain Systems with Multiple Channels Subject to Markovian Switching,” *IEEE Conference on Decision & Control (CDC)*, IEEE, Dec. 2015.


73. A. Nasir, E. Atkins, and I. Kolmanovsky, “Science Optimal Spacecraft Attitude Maneuvering while Accounting for Failure Modes,” *IFAC World Congress*, Milano, Italy, August 2011.


76. E. Atkins, “A Project-based Undergraduate Aerospace Sequence, with Embedded Computational Intelligence,” *Infotech@Aerospace*, AIAA, St. Louis, March 2011.


c.4.4 Abstracts in non-refereed conference proceedings


c.4.5 Publications/products in popular press and online media

Dr. Atkins’ research group website:  [https://a2sys.engin.umich.edu/](https://a2sys.engin.umich.edu/)

Recent autonomous UAS roofing video:  [https://www.youtube.com/watch?v=GA445Flxkjo](https://www.youtube.com/watch?v=GA445Flxkjo)

Dr. Atkins is often contacted by the popular press re: aviation safety, UAS, and space, e.g., [https://www.ieee.org/about/news/media/ieee-in-the-media.html](https://www.ieee.org/about/news/media/ieee-in-the-media.html)


