

UF MIL Papers for FCRAR 2002

- 1 M. Grimm, A. A. Arroyo, and M. C. Nechyba, "Thing: A Robotic Hand with Realistic Thumb Pronation," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 2 U. Rodriguez, J. Buisson, L. Miller, R. Panez, and E. M. Schwartz, "An Autonomous Pong Playing Robot," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 3 M. Moore, T. A. Choi, E. M. Schwartz, M. C. Nechyba, and A. A. Arroyo, "Creation and Analysis of Sensory Drivers Using ERL," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 4 L. Zamstein, and A. A. Arroyo, "SID: A Seeing Eye Robot," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 5 P. D. O'Malley, M. C. Nechyba, and A. A. Arroyo, "Human Activity Tracking for Wide-Area Surveillance," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 6 J.W. Grzywna, N. M. Ivano Jr., E. M. Schwartz, and A. A. Arroyo, "KELVIN: A Second Generation Land Vehicle," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 7 H. Aljibury, A. A. Arroyo, and M. C. Nechyba, "Using Locally Weighted Regression to Enhance Q-Learning," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 8 J. Plew, A. A. Arroyo, and E. M. Schwartz, "Applying an Evolvable Hardware Approach to Autonomous Robot Design," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 9 R. C. Chandler, A. A. Arroyo, M. C. Nechyba, and E. M. Schwartz, "Autonomous Agent Navigation Based on Textural Analysis," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 10 S. Nortman, A. A. Arroyo, M. C. Nechyba, and E. M. Schwartz, "PNEUMAN: A Humanoid Robot Implementation," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 11 S. M. Ettinger, M. C. Nechyba, P. G. Ifju, and M. Waszak "Vision-Guided Flight Stability and Control for Micro Air Vehicles," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 12 S. M. Ettinger, M. C. Nechyba, P. G. Ifju, and M. Waszak "Towards Flight Autonomy: Vision-Based Horizon Detection for Micro Air Vehicles," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 13 S. Kanowitz, M. C. Nechyba, and A. A. Arroyo, "Design and Implementation of a GPS-Based Navigation System for Micro Air Vehicles" *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.

Other Papers

- 14 K. J. Walchko, and Paul Mason, "Inertial Navigation," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 15 S. Jantz, and K. L. Doty, "PDA Based Real-Time Vision for a Small Autonomous Mobile Robot," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.

Papers Pending Submission

- 16 Silverman, A. A. Arroyo, and E. M. Schwartz, *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 17 A. A. Arroyo, O. W. Ayers, and E. M. Schwartz, "An NLU System Implementation for MIL Robots," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 18 J. Anderson, A. A. Arroyo, and E. M. Schwartz, "An Automated Ping Pong Ball Tosser," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.
- 19 Qaiyumi, A. A. Arroyo, and E. M. Schwartz, "Toward a Butler Robot - the Alfred Project," *2002 Florida Conference on Recent Advances in Robotics*, Miami, May 2002.