

## 2009 年度 小林チーム発表論文

1. K. Takeda, T. Umedachi, T. Nakagaki, R. Kobayashi, and A. Ishiguro: “Taming Many Degrees of Freedom: Fully Decentralized Control of a Soft-bodied Robot Inspired by True Slime Mold” , 2009 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) Workshop/Tutorial Proceedings, CD-ROM (2009)
2. W. Watanabe, T. Sato and A. Ishiguro, “A Fully Decentralized Control of a Serpentine Robot Based on the Discrepancy between Body, Brain and Environment” , Proc. of 2009 IEEE/RSJ International Conference on Intelligent Robots and Systems, 2421-2426 (2009)
3. A. Ishiguro, T. Umedachi, T. Kitamura, T. Nakagaki and R. Kobayashi : “A fully decentralized morphology control of an amoeboid robot by exploiting the law of conservation of protoplasmic mass”, Proceedings of IROS WS 2008 (2009)
4. A. Tero, S. Takagi, T. Saigusa, K. Ito, D.P. Bebber, M.D. Fricker, K. Yumiki, R. Kobayashi, T. Nakagaki, “Rules for biologically-inspired adaptive network design” , Science, 327, 439-442 (2010) DOI: 10.1126/science.1177894
5. T. Umedachi, K. Takeda, T. Nakagaki, R. Kobayashi, and A. Ishiguro: “Fully Decentralized Control of a Soft-bodied Robot Inspired by True Slime Mold”, Biological Cybernetics, Vol.102, Issue 3, pp.261-269 (2010) DOI: 10.1007/s00422-010-0367-9
6. A. Tero, T. Nakagaki, K. Toyabe, K. Yumiki and R. Kobayashi : “A method inspired by Physarum for solving the Steiner problem”, International Journal of Unconventional Computing 6, 109-123 (2010)