# SICE 論文集向け BIBT<sub>E</sub>X bst ファイル (非公式)

#### 田所 祐一

平成 29 年 10 月 22 日

### 1 特徴

- 書式を手打ちしなくていいので楽ちん
- article, book など標準的なものに対応
- Vol, No, ページ, 年次 等の書式を SICE の形式に準拠
- 著者名の後のコロンや,カンマとピリオドの使い分けについても基本 的に準拠

# 2 使い方

\bibliographystyle{sicetran}

で sicetran スタイルを読み込むだけ.

# 3 サンプル

# 参考文献

- N. Metni and T. Hamel: A UAV for Bridge Inspection: Visual Servoing Control Law with Orientation Limits, Automation in Construction, 17-1, 3/10 (2007)
- [2] S.M. Adams and C.J. Friedland: A Survey of Unmanned Aerial Vehicle (UAV) Usage for Imagery Collection in Disaster Research and Management, In Proc. of the 9th International Workshop on Remote Sensing for Disaster Response, 1/8 (2011)

- [3] H. Yang and D. Lee: Dynamics and Control of Quadrotor with Robotic Manipulator, In *Proc. of the 2014 IEEE International Conference on Robotics and Automation*, 5544/5549 (2014)
- [4] G. Heredia, A.E. Jimenez-Cano, I. Sanchez, D. Llorente, V. Vega, J. Braga, J.A. Acosta and A. Ollero: Control of a Multirotor Outdoor Aerial Manipulator, In Proc. of the 2014 IEEE/RSJ International Conference on Intelligent Robots and Systems, 3417/3422 (2014)
- [5] G. Jiang and R. Voyles: A Nonparallel Hexrotor UAV with Faster Response to Disturbances for Precision Position Keeping, In Proc. of the 2014 International Symposium on Safety, Security and Rescue Robotics, #46 (2014)
- [6] D. Toratani: Research and Development of Double Tetrahedron Hexa-Rotorcraft (Dot-HR), In Proc. of the 28th Congress of the International Council of the Aeronautical Sciences, ICAS2012-1.4.2 (2012)
- [7] E. Kaufman, K. Caldwell, D. Lee and T. Lee: Design and Development of a Free-floating Hexrotor UAV for 6-DOF Maneuvers, In *Proc. of the 2014 IEEE Aerospace Conference*, 12.0204 (2014)
- [8] T. Shimizu, S. Suzuki, T. Kawamura, H. Ueno and H. Murakami: Proposal of 6DOF Multi-copter and Verification of its Controllability, In Proc. of the SICE Annual Conference 2015, 810/815 (2015)
- [9] 伊吹, 木曽, 安田, 三平: 動的可操作度と最大並進加速度を考慮したヘキサロータの構造最適化, 日本機械学会誌, **83**-846, doi:10.1299/transjsme.16-00206 (2017)
- [10] 安田, 伊吹, 鈴木, 三平: ヘキサロータの動的可操作性に基づく切替位置・ 姿勢制御, 計測自動制御学会論文集, **52**-9, 507/515 (2016)
- [11] S. Rajappa, M. Ryll, H.H. Bülthoff and A. Franchi: Modeling, Control and Design Optimization for a Fully-actuated Hexarotor Aerial Vehicle with Tilted Propellers, In *Proc. of the 2015 IEEE International* Conference on Robotics and Automation, 4006/4013 (2015)
- [12] H. Mehmood, T. Nakamura and E.N. Johnson: A Maneuverability Analysis of a Novel Hexarotor UAV Concept, In Proc. of the 2016 International Conference on Unmanned Aircraft Systems, 437/446 (2016)
- [13] D. Brescianini and R. D'Andrea: Design, Modeling and Control of an Omni-directional Aerial Vehicle, In Proc. of the 2016 IEEE International Conference on Robotics and Automation, 3261/3266 (2016)

- [14] Y. Tadokoro, T. Ibuki and M. Sampei: Manipulability Analysis of a Fully-Actuated Hexrotor UAV Considering Arrangement and Tilt Angles of Rotors, In *Proc. of the 20th World Congress of the International Federation of Automatic Control*, (to appear) (2017)
- [15] 青木洋一: 多目的最適化手法, オペレーションズ・リサーチ: 経営の科学, **23**-8, 511/516 (1978)
- [16] 吉川恒夫: ロボットアームの動的可操作性, 計測自動制御学会論文集, **21**-9, 970/975 (1985)
- [17] 日本機械学会: 機械工学便覧 α2 機械力学, 31, 丸善 (2004)
- [18] プロドローン: 天井面・垂直壁面両方の検査が可能な自走式張り付き型ドローン「PD6-CI-L」を開発 (プレスリリース), https://www.prodrone.jp/archives/1400/ (2016). 2017 年 4 月 18 日 閲覧
- [19] 清水, 上野, 村上: 6 自由度独立制御可能な飛行体の提案とその設計手法, 第 32 回日本ロボット学会学術講演会予稿集, 3M1-05 (2014)
- [20] 大熊, 岩倉, 野波, 藤原: 非平面 6 発ロータヘリコプタの構想と設計, ロボティクス・メカトロニクス講演会 2013 予稿集, 1A2-F01 (2013)
- [21] 野波, 岩倉, 宋: 産業応用型マルチロータ電動へリコプタのテレオペレーション技術, 日本ロボット学会誌, **30**-6, 574/577 (2012)
- [22] R.M. Murray, Z. Li and S.S. Sastry: A Mathematical Introduction to Robotic Manipulation, CRC Press (1994)
- [23] J.I. Giribet, R.S. Sánchez-Peña and A.S. Ghersin: Analysis and Design of a Tilted Rotor Hexacopter for Fault Tolerance, *IEEE Transactions* on Aerospace and Electronic Systems, 52-4, 1555/1567 (2016)
- [24] S. Park, J. Her, J. Kim and D. Lee: Design, Modeling and Control of Omni-Directional Aerial Robot, In Proc. of the 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems, 1570/1575 (2016)
- [25] H. Mehmood and E.N. Johnson: A Daisy-Chain Control Design for a Multirotor UAV with Direct Force Capabilities, In Proc. of the 2017 AIAA Guidance Navigation, and Control Conference, AIAA 2017-1043 (2017)

- [26] D. Kotarski, P. Piljek and M. Krznar: Mathematical Modelling of Multirotor UAV, International Journal of Theoretical and Applied Mechanics, 1, 233/238 (2016)
- [27] H. Otsuka and K. Nagatani: Reduction of Pitching Moment Generation of a Quadrotor UAV in Gust with Slant Rotors, In Proc. of the 55th AIAA Aerospace Sciences Meeting, AIAA 2017-0500 (2017)
- [28] 世界初!完全自律制御ドローンでの長距離荷物配送実証試験, 広報みなみそうま フォトレポ 1月 12日 (2017)