

BIBLIOGRAPHY

- [1] S. S. Pawar, H. Mithaiwala, A. Gupta, and S. Jain, “Review paper on design of 3d scanner,” in *2017 International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)*, 2017, pp. 650–652.
- [2] R. ZHAO, “Trajectory planning and control for robot manipulations,” Theses, Université Paul Sabatier - Toulouse III, Sep. 2015. [Online]. Available: <https://tel.archives-ouvertes.fr/tel-01285383>
- [3] Y. Luan, W. Xu, J. Li, D. Zhou, H. Wang, and H. Ji, “Kinematics modeling and simulation of a 4-dof manipulator,” in *2017 International Conference on Computer Systems, Electronics and Control (ICCSEC)*, 2017, pp. 302–305.
- [4] A. Menon, B. Cohen, and M. Likhachev, “Motion planning for smooth pickup of moving objects,” in *2014 IEEE International Conference on Robotics and Automation (ICRA)*, 2014, pp. 453–460.
- [5] J. Györfi and C.-H. Wu, “A minimum-jerk speed-planning algorithm for coordinated planning and control of automated assembly manufacturing,” *IEEE Transactions on Automation Science and Engineering*, vol. 3, no. 4, pp. 454–462, 2006.
- [6] A. Cowley, B. Cohen, W. Marshall, C. J. Taylor, and M. Likhachev, “Perception and motion planning for pick-and-place of dynamic objects,” in *2013 IEEE/RSJ International Conference on Intelligent Robots and Systems*, 2013, pp. 816–823.

- [7] R. Venkatesan and A. B. Ganesh, “Real time implementation on moving object tracking and recognition using matlab,” in *2012 International Conference on Computing, Communication and Applications*, 2012, pp. 1–8.
- [8] I. I. Lychkov, A. N. Alfimtsev, and S. A. Sakulin, “Tracking of moving objects with regeneration of object feature points,” in *2018 Global Smart Industry Conference (GloSIC)*, 2018, pp. 1–6.
- [9] S. Rianmora, K. Nuamchit, N. Vanasrivilai, P. Tantipiched, and A. Rammuth, “Applying scanning techniques to create 3d model,” in *IECON 2015 - 41st Annual Conference of the IEEE Industrial Electronics Society*, 2015, pp. 005 217–005 222.
- [10] *3D Systems Sense User Manual*, 3rd ed., 3D Systems,Inc., 333 Three D Systems Circle,Rock Hill,SC,29730, 2013.
- [11] J. Xiao, W. Han, and A. Wang, “Simulation research of a six degrees of freedom manipulator kinematics based on matlab toolbox,” in *2017 International Conference on Advanced Mechatronic Systems (ICAMechS)*, 2017, pp. 376–380.
- [12] MATLAB, *9.7.0.1190202 (R2019b)*. Natick, Massachusetts: The MathWorks Inc., 2018.
- [13] “Pwm control of a dc motor used to drive a conveyor belt,” *Procedia Engineering*, vol. 100, pp. 299 – 304, 2015, 25th DAAAM International Symposium on Intelligent Manufacturing and Automation, 2014.
- [14] A. P. Singh, U. Narayan, and A. Verma, “Speed control of dc motor using pid controller based on matlab,” *Innovative Systems Design and Engineering*, vol. 4, pp. 22–28, 2013.