

List of Publications

1. **Radhe Shyam Sharma**, Arindam Mondal, Laxmidhar Behera, “Tracking Control of Mobile Robots in Formation in the Presence of Disturbances,” *IEEE Transactions on Industrial Informatics*, 2020. [📄](#) [PDF](#)
YouTube video link: <https://youtu.be/EX2Hw-Bb7Gw>
DOI: [10.1109/TII.2020.2983646](https://doi.org/10.1109/TII.2020.2983646)
ISSN: [1551-3203](#)
Impact Factor: [9.112](#)
2. **Radhe Shyam Sharma**, Ranjith Ravindranathan Nair, Pooja Agrawal, Laxmidhar Behera, K. S. Venkatesh, “Robust Hybrid Visual Servoing using Reinforcement Learning and Finite Time Adaptive FOSMC,” *IEEE Systems Journal*, vol. 13, no. 3, pp. 3467–3478, 2018. [📄](#) [PDF](#)
YouTube video link: <https://youtu.be/N0a4gvzheNw>
DOI: [10.1109/JSYST.2018.2875789](https://doi.org/10.1109/JSYST.2018.2875789)
ISSN: [1932-8184](#)
Impact Factor: [4.463](#)
3. **Radhe Shyam Sharma**, Santosh Shukla, Laxmidhar Behera, Venkatesh K S, “Position Based Visual Servoing of a Mobile Robot With an Automatic Extrinsic Calibration Scheme,” *Robotica*, vol. 38, no. 5, pp. 831–844, 2020. [📄](#) [PDF](#)
YouTube video link: <https://youtu.be/I1IY5lynRgU>
DOI: [10.1017/S0263574719001115](https://doi.org/10.1017/S0263574719001115)
ISSN: [0263-5747](#)
Impact Factor: [1.509](#)
4. **Radhe Shyam Sharma**, Santosh Shukla, Hamad Karki, Amit Shukla, Laxmidhar Behera, Venkatesh K S, “DMP Based Trajectory Tracking for a Nonholonomic Mobile Robot With Automatic Goal Adaptation and Obstacle Avoidance,” *IEEE International Conference on Robotics and Automation (ICRA)*, pp. 8613-8619, 2019. [📄](#) [PDF](#)
YouTube video link: <https://youtu.be/j0TLOEUZZCk>
DOI: [10.1109/ICRA.2019.8793911](https://doi.org/10.1109/ICRA.2019.8793911)
5. **Radhe Shyam Sharma**, Laxmidhar Behera, Venkatesh K Subramanian, Rajesh Sinha, Jenssen Chang “An Approach for Transferring Human Skill to a Group: Trajectory Tracking by a Flexible Formation of Nonholonomic Mobile Robots,” under review. **YouTube** video link: <https://youtu.be/iFjuHBusE14>
6. Atulya Shivam Shree, **Radhe Shyam Sharma**, Laxmidhar Behera, K. S. Venkatesh, “Position Based Visual Control of The Hovering Quadcopter,” Springer International Conference on Intelligent Human Computer Interaction (IHCI), pp. 15–26, 2016. [📄](#) [PDF](#)
YouTube video link: <https://youtu.be/L7imtmpw8mU>
DOI: [10.1007/978-3-319-52503-7_2](https://doi.org/10.1007/978-3-319-52503-7_2)
Part of the [Lecture Notes in Computer Science](#) book series (LNCS, volume 10127)