

## 6 REFERENCES

1. Liyan Zhang, Shouyin He, “Mobile Robot for Overhead Powerline Inspection and a controlling method for obstacle avoidance” in 2011 International Conference on Electric Information and Control Engineering.
2. A. Pagnano, M. Höpf, R. Teti, “A roadmap for automated power line inspection, Maintenance and repair” in 8th CIRP Conference on Intelligent Computation in Manufacturing Engineering
3. C. Huang Shen, F. Y. C. Albert, C. K. Ang and Dwee Jin Teck, “Theoretical development and study of takeoff constraint thrust equation for a drone” in 2017 IEEE 15th Student Conference on Research and Development.
4. Edgar A. Niit, Willie J. Smit, “Integration of Model Reference Adaptive Control (MRAC) with PX4 Firmware for Quadcopters” 2017 24th International Conference on Mechatronics and Machine Vision in Practice (M2VIP)
5. Donggyun Kim, Jinho Park, Junghoon Jung, Taechan Kim and Joonki Paik, “Lens Distortion Correction and Enhancement Based on Local Self-similarity for High-quality Consumer Imaging Systems” in IEEE Transactions on Consumer Electronics ( Volume: 60, Issue: 1 , February 2014 ).
6. Edgar A. Niit, Willie J. Smit, “VTOL aerial Robot for inspection of Transmission line” 2017 24th International Conference on Mechatronics and Machine Vision in Practice (M2VIP)