Obstacle Avoidance Using Drone With Onboard Camera

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- 1 Background
- 2 Methodology
- 3 Expect Results

References

- [1] A. Devos, E. Ebeid and P. Manoonpong, Development of Autonomous Drones for Adaptive Obstacle Avoidance in Real World Environments, 2018 21st Euromicro Conference on Digital System Design (DSD), Prague, Czech Republic, 2018, pp. 707-710, doi: 10.1109/DSD.2018.00009. keywords: Drones; Collision avoidance; System recovery; Laser radar; Navigation; Signal processing algorithms; Propellers; Autonomous drone system; Adaptive obstacle avoidance; Simulation; Implementation,
- [2] C. Gentry. A Fully Homomorphic Encryption Scheme. PhD thesis, Stanford University, 2009. http://crypto.stanford.edu/craig.