

Obstacle avoidance in 3D dynamic environment

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Delivery



---Sampling UAV Most Informative **Diagnostic Signals**

Our method



Context



Monitoring





Objectives

UAV path planning for surveillance in adverse and unknow dynamic environments

UAV make resilient to :

- parametric uncertainties (mass)
- disturbances (wind)
- signal loss (sensors, GPS)





- lighting

Implementing Simulation Simulation Study of several a UAV situations on Unity 3D on Matlab

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