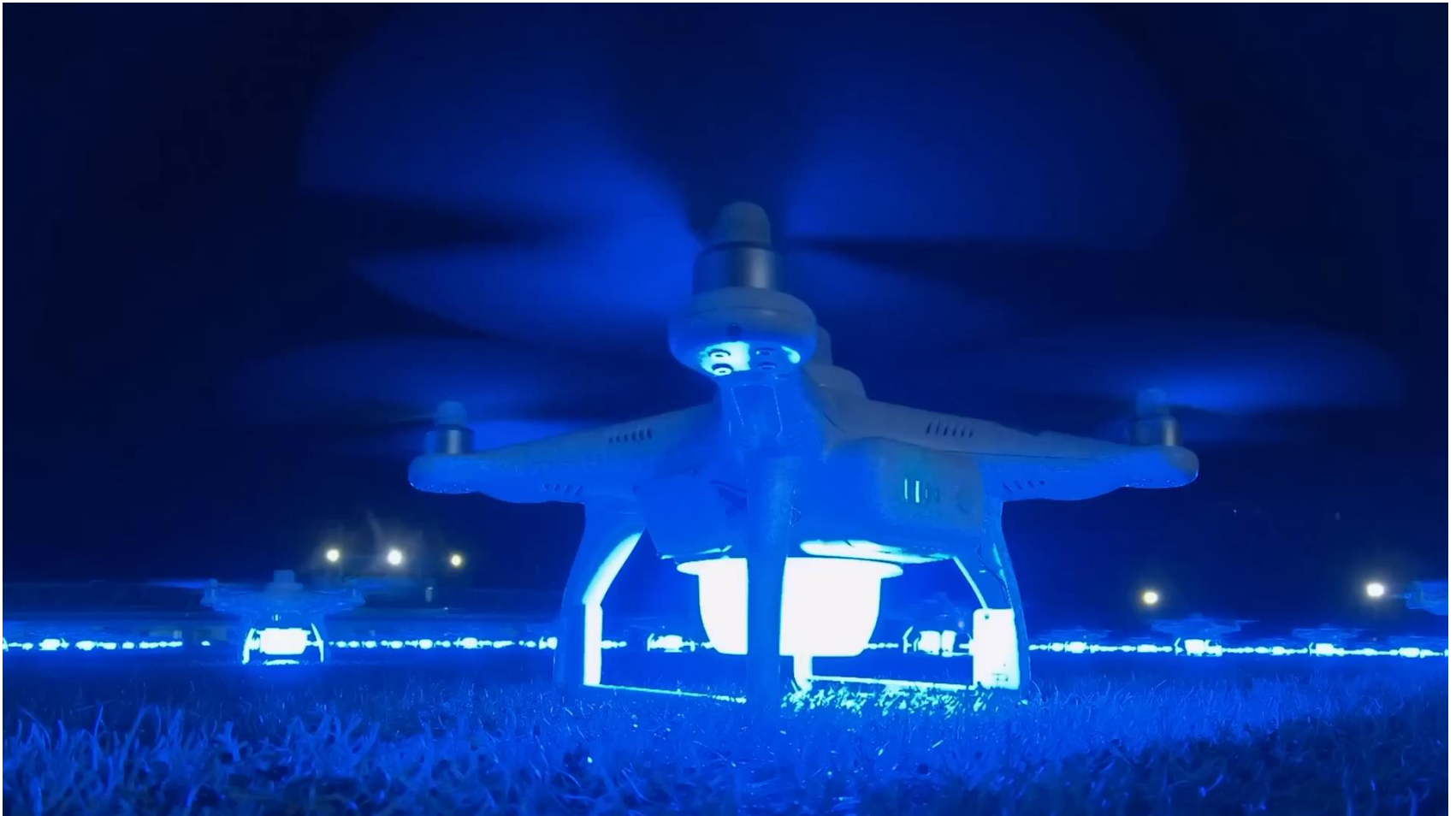


# project

1. multi-robot task assignment problem. (# = 1)
2. object tracking using optical flow (#=2)
3. object detection using lidar point cloud. (#=3)

# multi-robot task assignment problem



# project ideas/requirements

- input: an initial graph and a final graph.
- goal: create step by step movement.
- constraint: collision avoidance
- visualization: online
- basic requirements: 2D
- bonus: 3D

# object tracking using optical flow





# Lidar object detection

- one example of public dataset

KITTI dataset:

`"https://www.cvlibs.net/datasets/kitti/"`

*Video Courtesy: Inside Science*





