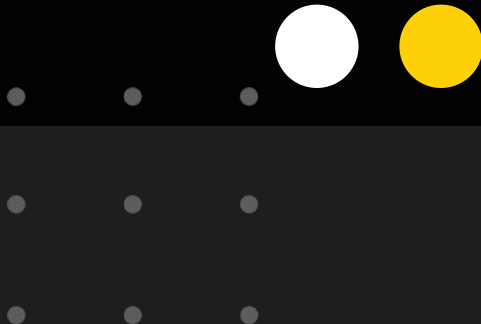


ROBOT
FEATURES

PASSIVE
MODE

ELIMINATION
MODE

END OF
GAME



MOVEMENT CAPABILITIES



“DJI RoboMaster S1
Educational Robot
Review” by YouTube
Channel L Bond



WHAT IS THE ROBOMASTER- S1



MECANUM WHEELS

Allows displacement in any direction without turning



GIMBAL

Gimbal can also rotate

- $\pm 270^\circ$ (left right)
- -24° to $+41^\circ$ (up down)



ROAMING MODE

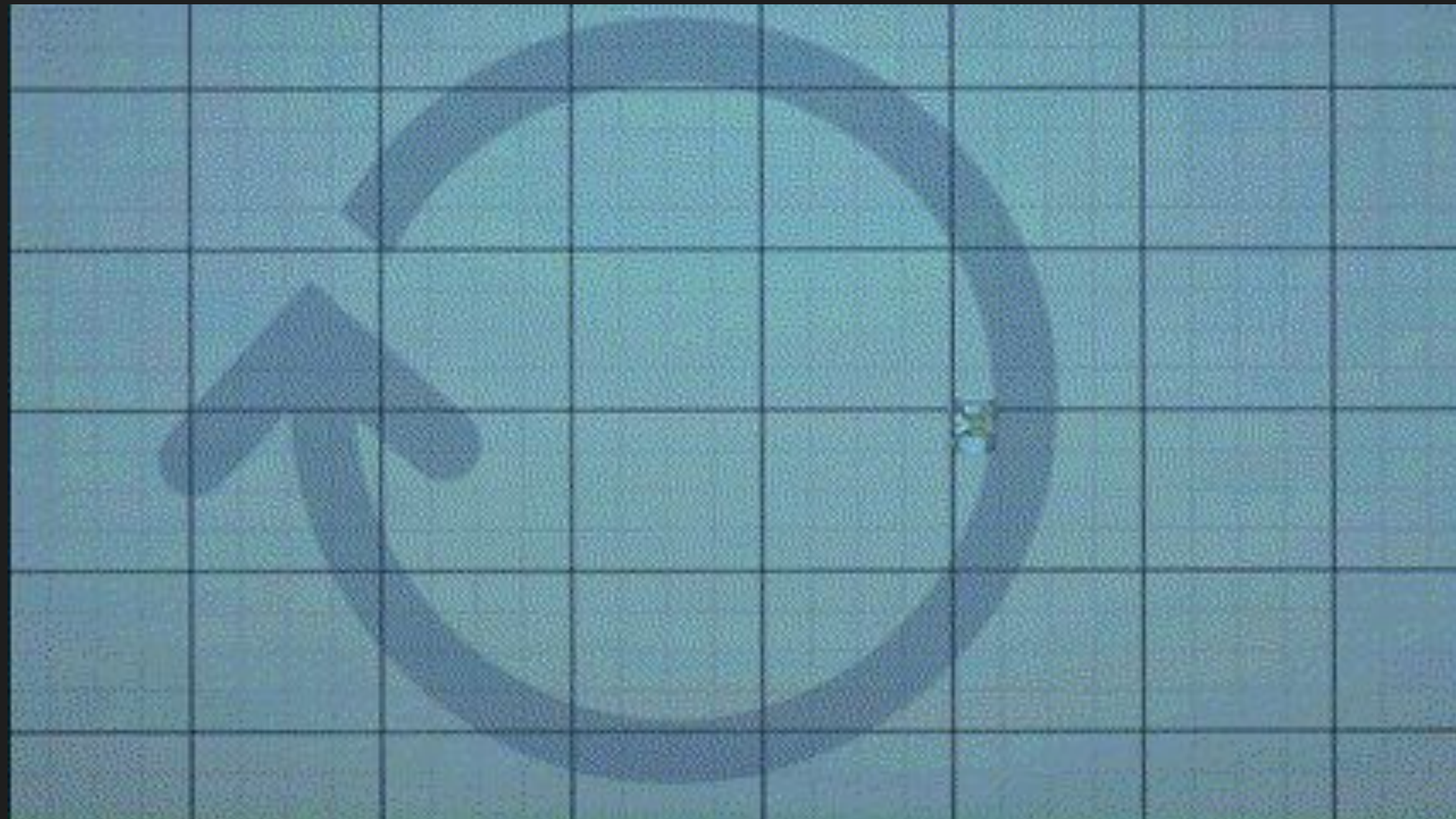
- While players are trading, robot circle players
- Creates sense of danger, like a shark circling its prey





RADIUS CHANGE

After every
round, circle gets
smaller & smaller





FINDING PLAYER TO ELIMINATE



- No player found after 3 seconds?
 - Camera moves closer to inside
- Angle of Yaw (side to side movement) Increase





ELIMINATING PLAYER



- Locks on target (letter H)
- Keeps moving around until in front of player
- Eliminates them

