

Robust Image-based Landing Control of a Quadrotor on an Unknown Moving Platform Using Circle Features

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- Image kinematics using circle features have simple form and decoupling properties for the landing system.
- The proposed controller does not incorporate depth of the target feature needed by IBVS-like approaches.
- The controller does not depend on the explicit knowledge of the landing platform.
- The prescribed transient and steady-state behavior of close-loop signals are guaranteed.

