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# Thesis proposal

Advanced Control for Optical Image Stabilization

**Core Technologies Imaging Components**

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[www.axis.com](http://www.axis.com)

# Axis at a glance

**HQ**

Lund, Sweden



**4,710**

Employees in 50+  
countries  
Q4 2023



**62**

Sales offices



**33**

Experience  
centers



**7**

Configuration  
and logistics  
centers



# Intro OIS

- > Optical Image Stabilization moves a lens in a camera to compensate for rotation of the camera.
- > The system needs to be fast to preferably handle shaking of up to ~20 Hz as well as unexpected transients.

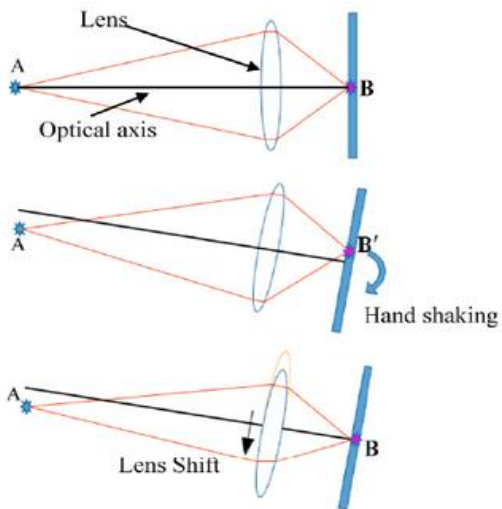
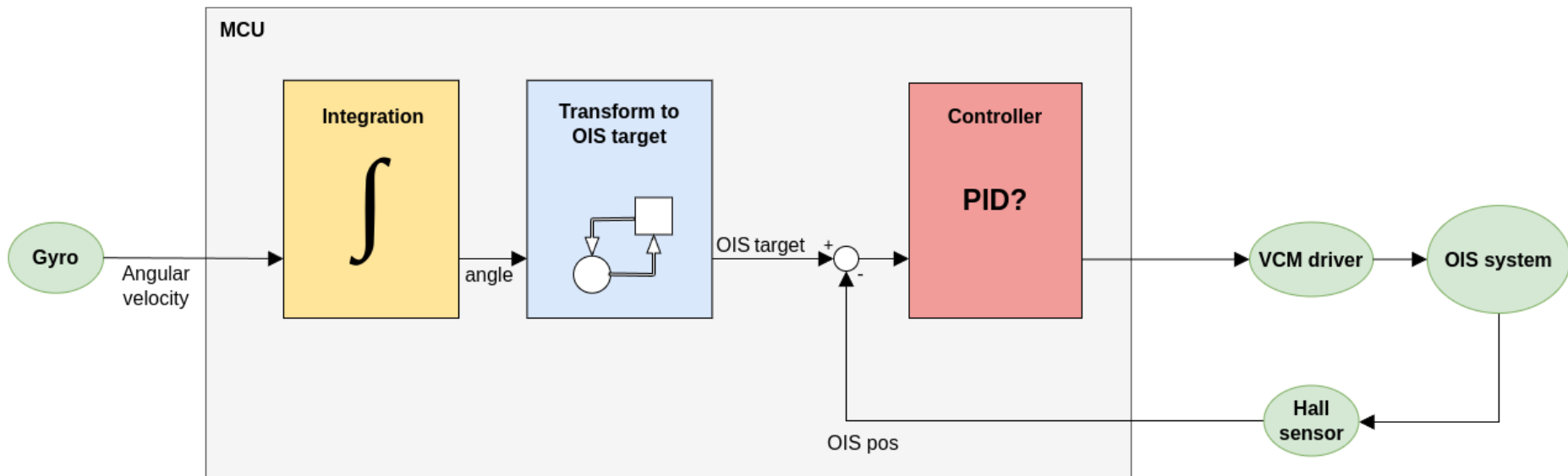


Image taken from [MDPI Sensors paper](#).

# System overview



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# Questions?