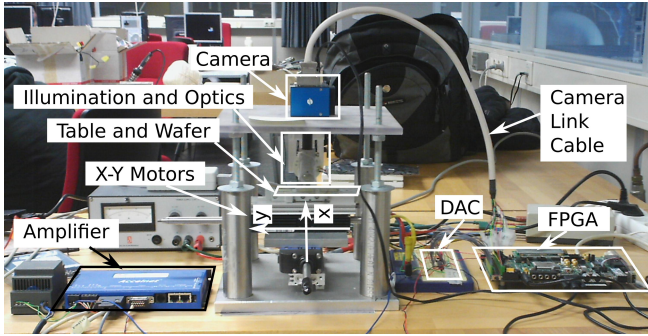


Closed-Loop Evaluation of an Embedded Visual Servo System

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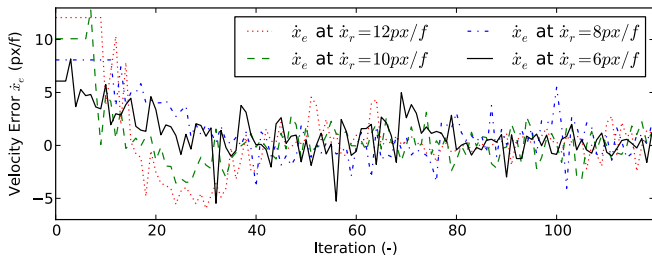


Vision-Based Wafer Positioning at Micrometer-Scale



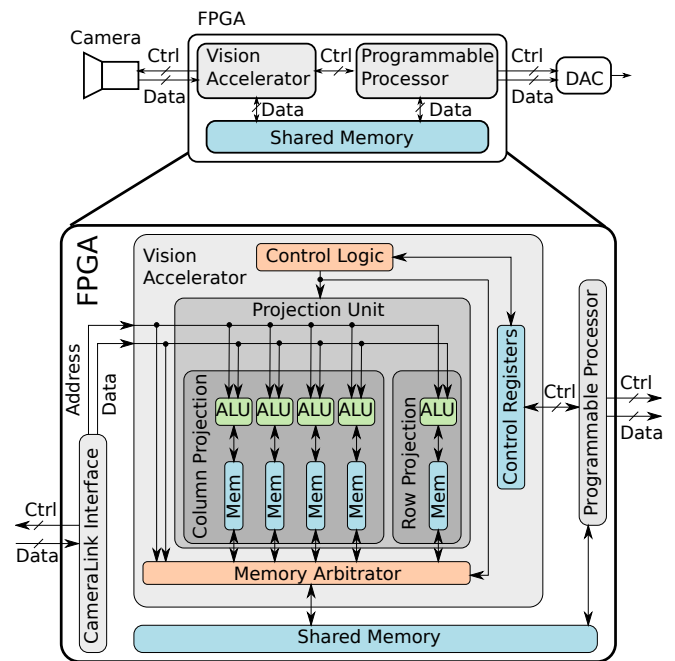
Vision-In-The-Loop Experiments

Position error is $3px$ ($\approx 15\mu m$) at a reference velocity as high as $12px/f$ ($\approx 85 \times 10^3 \mu m/s$)



1600 Frames-per-Second Vision Accelerator

(some components are omitted due to page limit)



Wafer Positioning Example: an OLED Display Wafer with Repetitive Structures

