



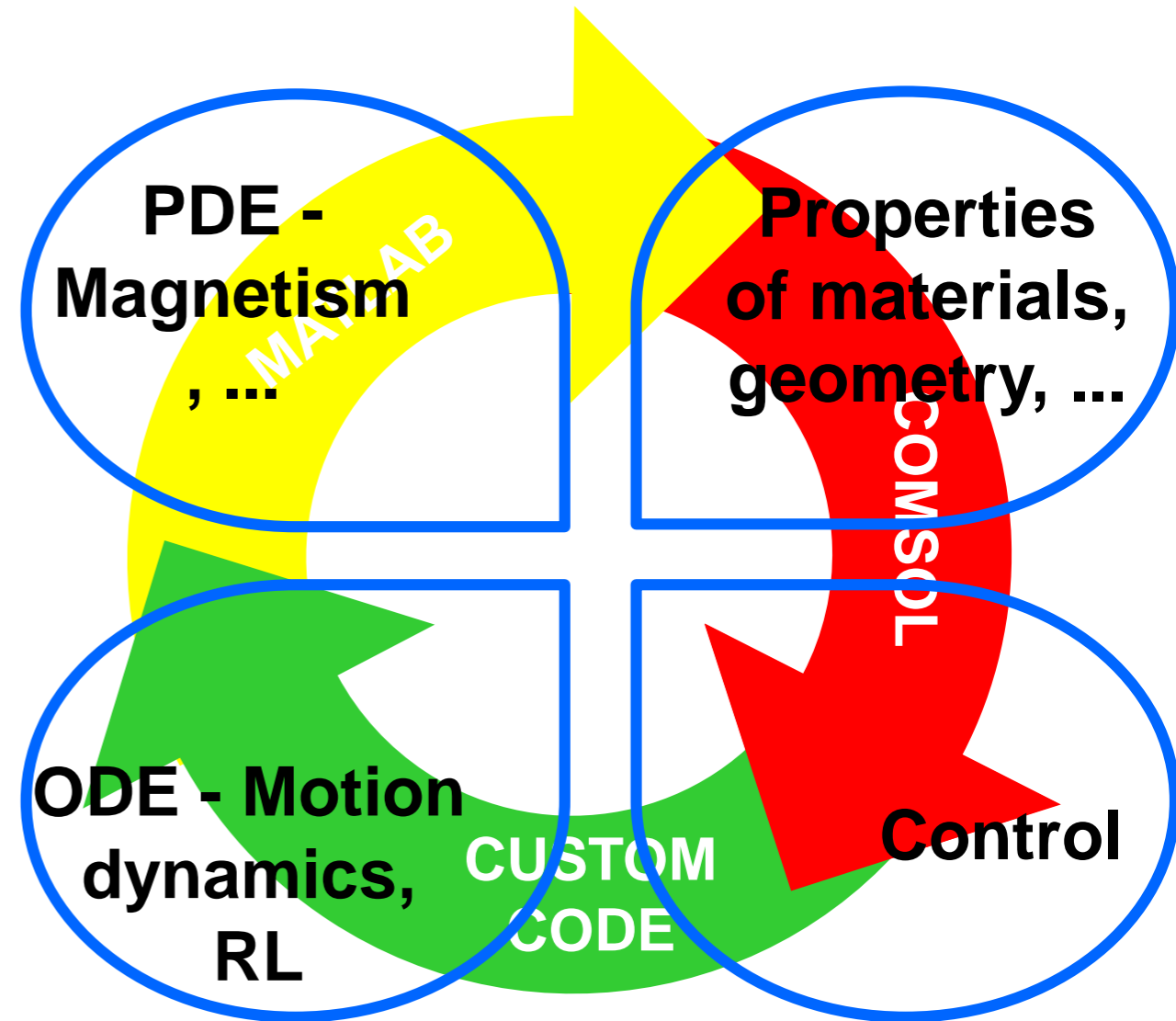
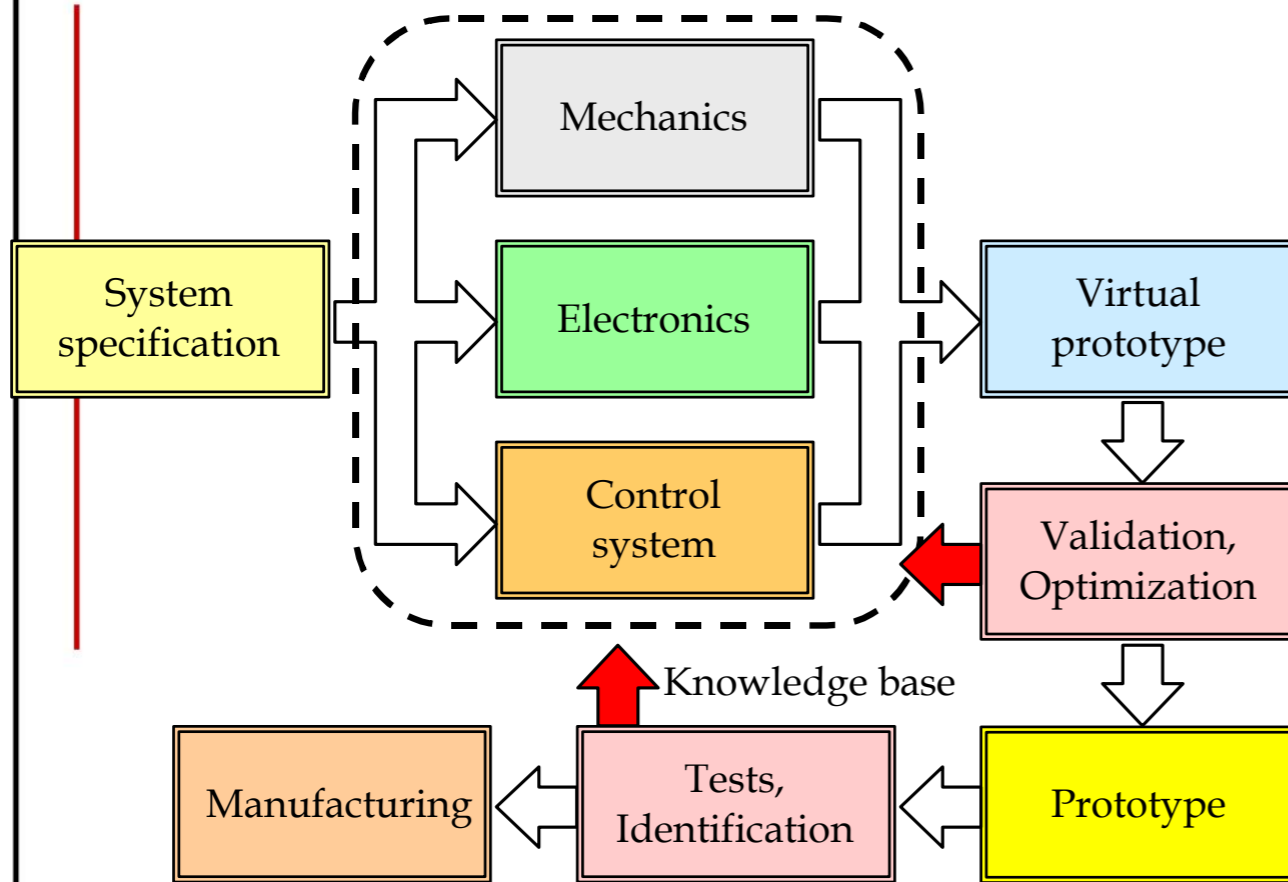
AKADEMIA GÓRNICZO-HUTNICZA
IM. STANISŁAWA STASZICA W KRAKOWIE
AGH UNIVERSITY OF KRAKOW

Department of Automatic Control and Robotics

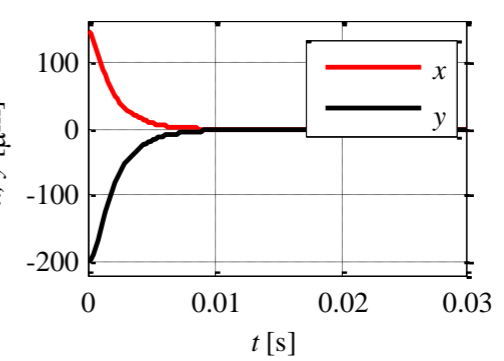
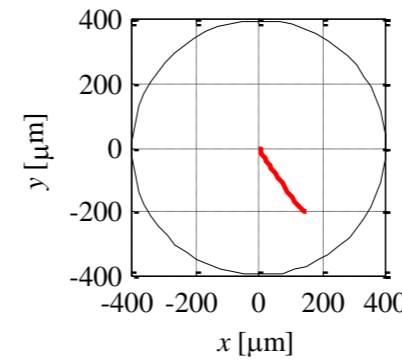
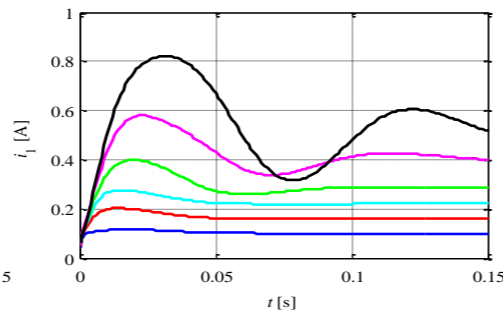
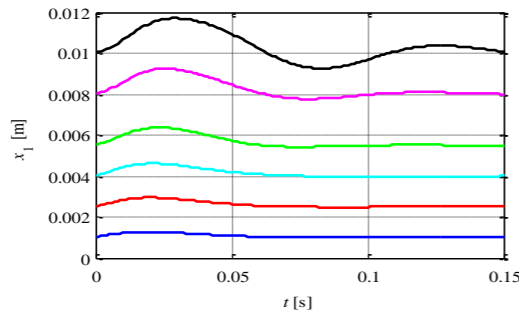
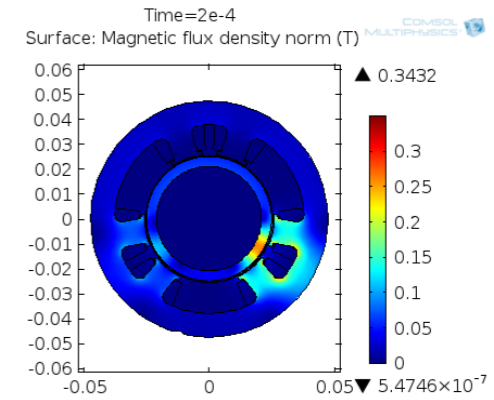
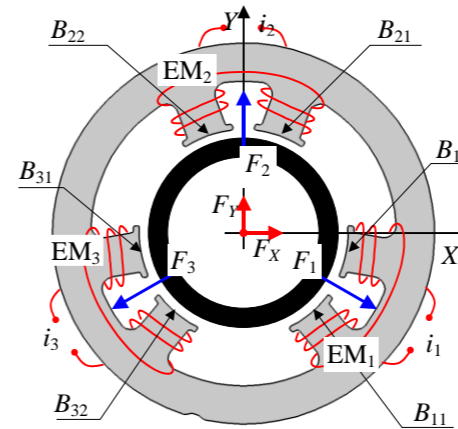
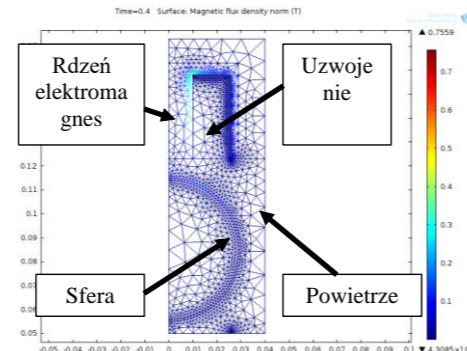
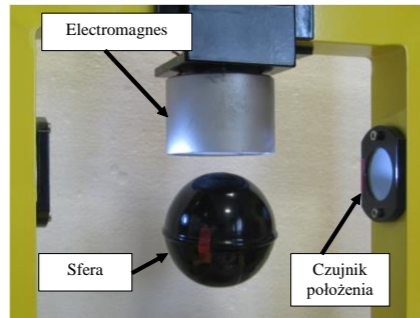
Active Magnetic Levitation Active Magnetic Bearing



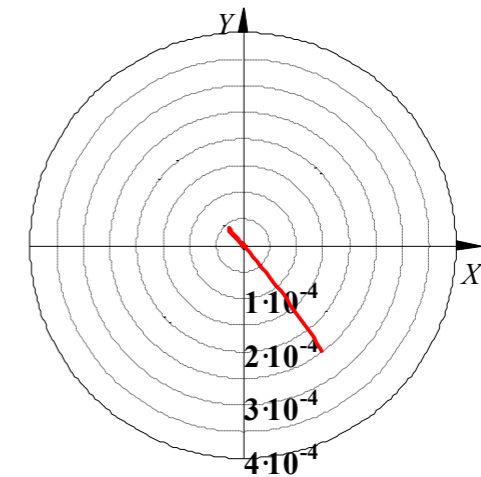
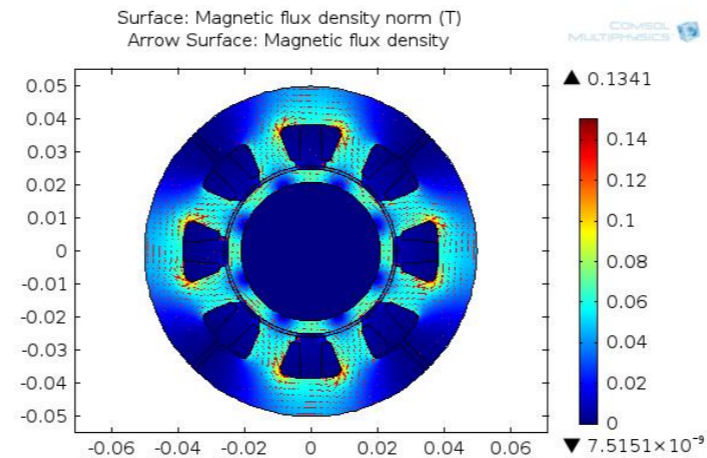
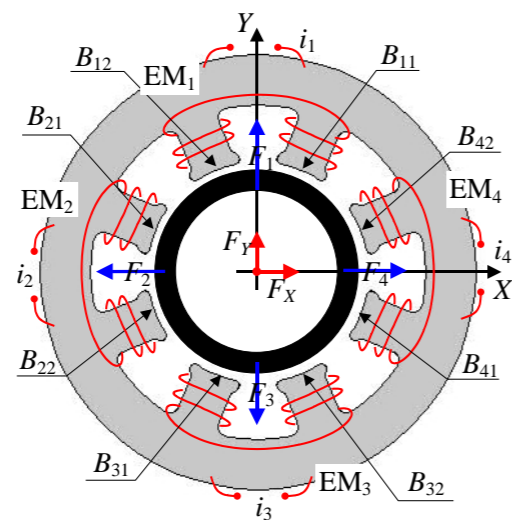
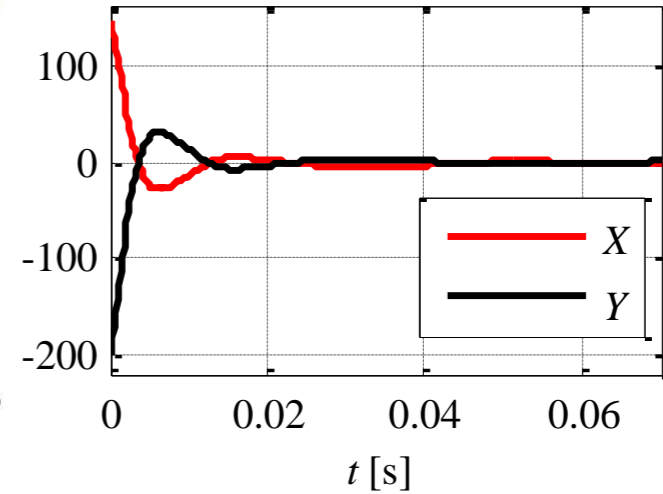
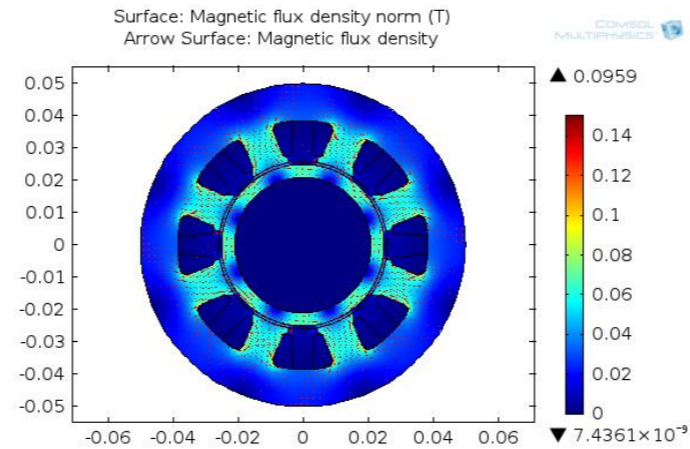
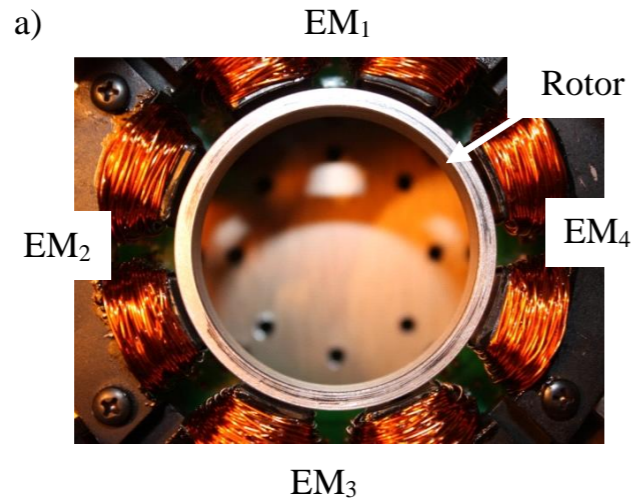
From concept to prototype



Virtual prototypes – suspension and bearing



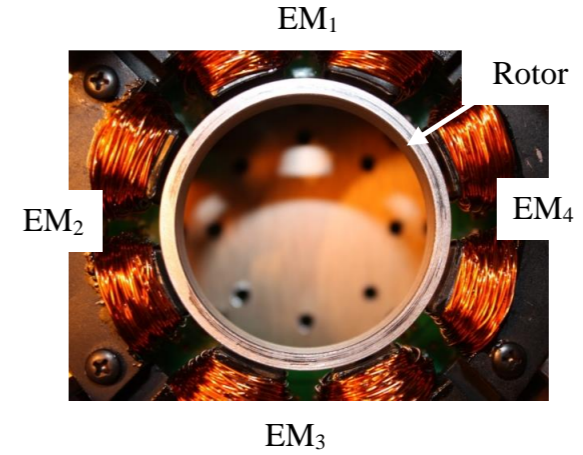
Virtual prototypes – suspension and bearing



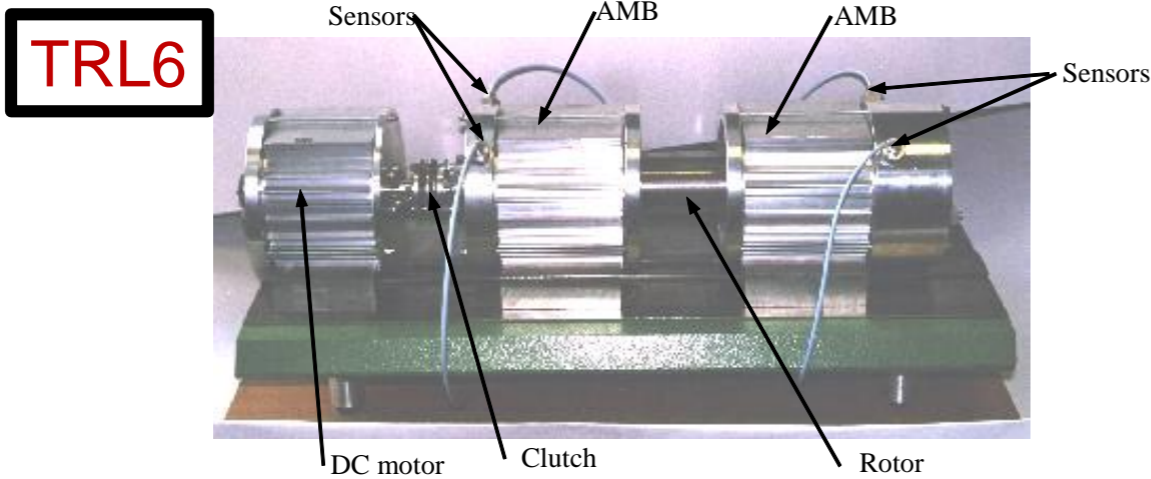
Laboratory test-rigs



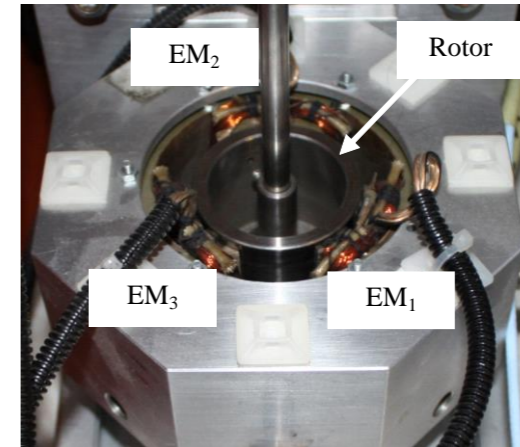
TRL9



TRL6

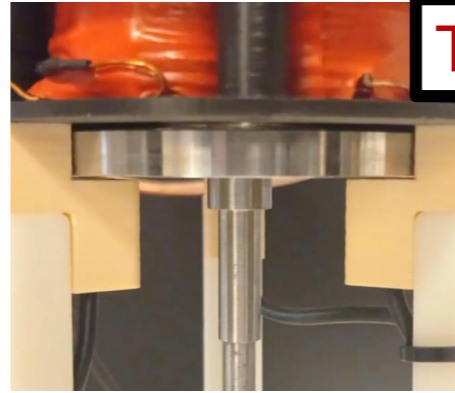
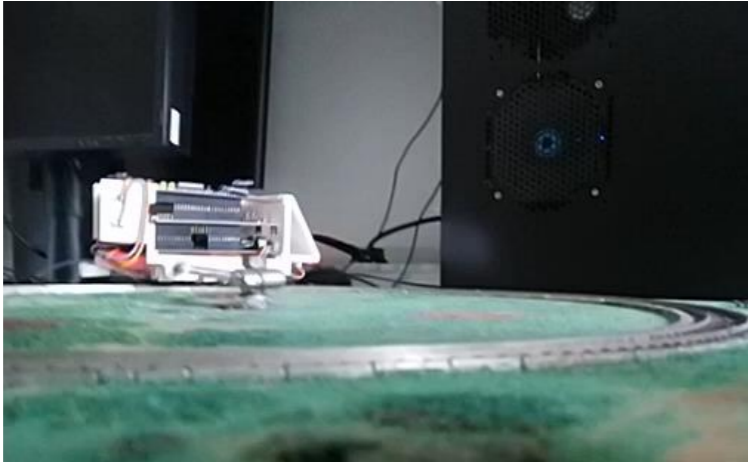


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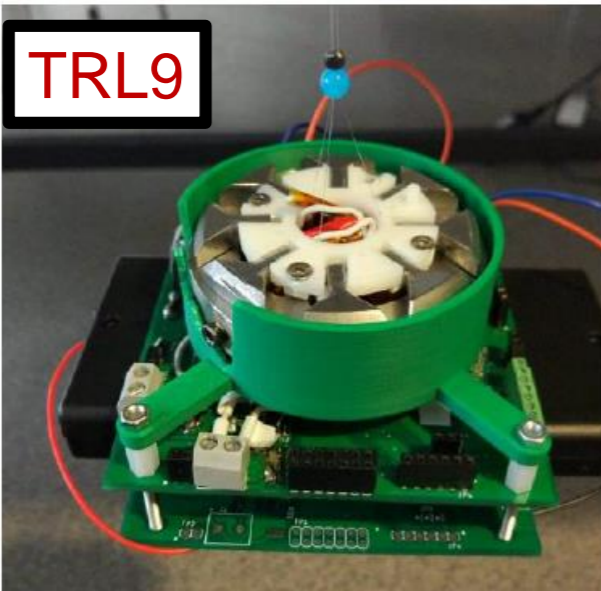
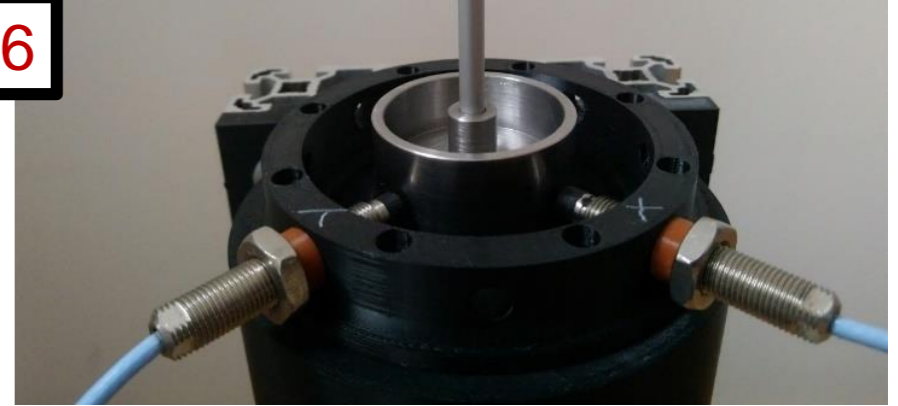


TRL6

Laboratory test-rigs

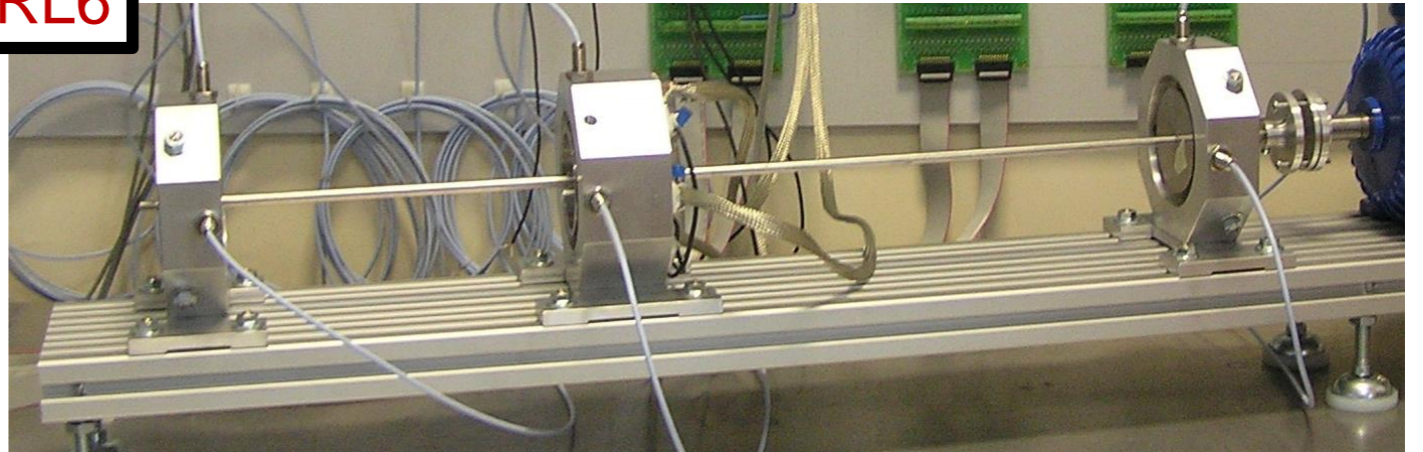


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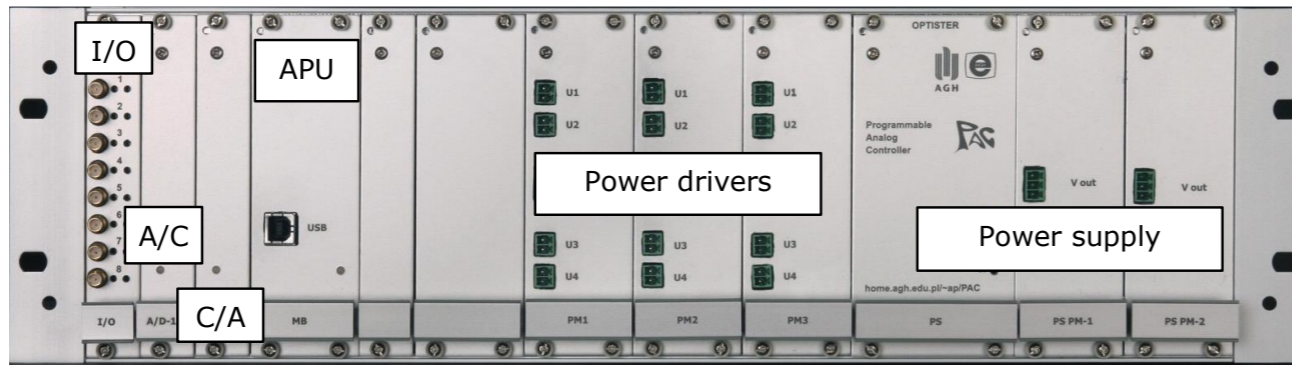
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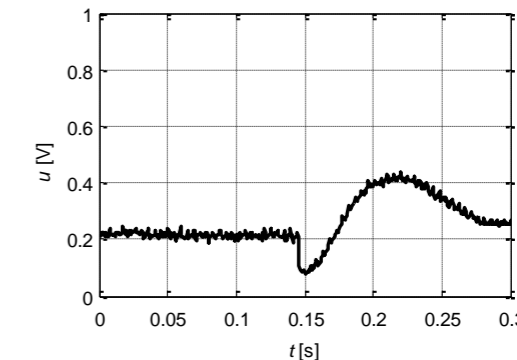
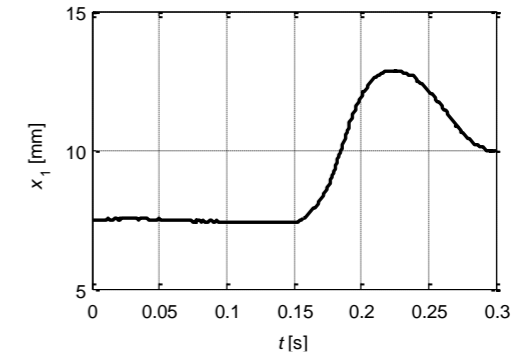


Programmable Automation Controller (PAC)

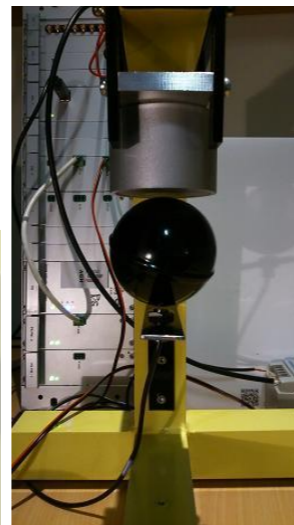
TRL9



- Modular architecture (I/O, A/C, D/A, computing module, power amplifiers, logic module, stepper motor module, power modules)
- Configurable by hardware and software
- Hard real-time regime
- Parallel signal processing
- Analog and digital signal processing
- USB, Ethernet communication
- Industry standard



Reconfiguration of controller parameters in w 1.34 microseconds





Offer for cooperation

- Design of electromagnetic actuators, electromagnetic grippers
- Design of active and hybrid magnetic bearings for various applications
- Industrial controllers with data acquisition, diagnostics and controller adaptation
- Reconfigurable instrumentation for measurement and control tasks
- Conventional and Intelligent nonlinear control methods
- Algorithms for control and diagnostics of equipment, evaluation of control quality
- Interdisciplinary analysis of existing and newly designed equipment
- Fabrication of laboratory models and pre-production prototypes



Contact



Adam Krzysztof Pilat Ph.D., D.Sc., Prof. AGH
Head of Robotic, Photovoltaic, and Magnetic Levitation Laboratory

AGH - University of Science and Technology
Faculty of Electrical Engineering, Automatics,
Computer Science and Biomedical Engineering
Department of Automatic Control and Robotics
Mickiewicza 30 Ave, C3, room 6
30-059 Krakow, Poland
tel. (+48 12) 6173484, fax. (+48 12) 6341568

e-mail: ap@agh.edu.pl
<http://home.agh.edu.pl/~ap>
<http://www.maglev.agh.edu.pl>