



Our research is devoted to the development of various control, robotic, and computing systems that are practically useful for industrial and welfare applications. Our research area covers new robot mechanisms, new control and signal processing technology, and fast computational methods for physics simulation.

Intelligent Service Robots

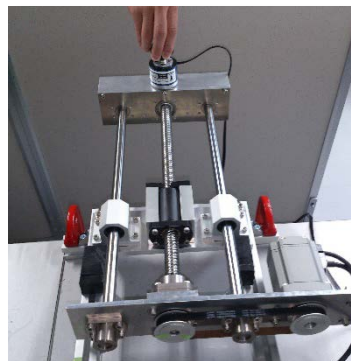


(Slope mowing robot)



(Glass cleaning robot)

Control Technology for Safer Robots



(Friction cancellation control
for various transmissions)



(Safe and stable bilateral
master-slave control)

Medical and Human Care Robots



(Robotic bed for
bedsore prevention)

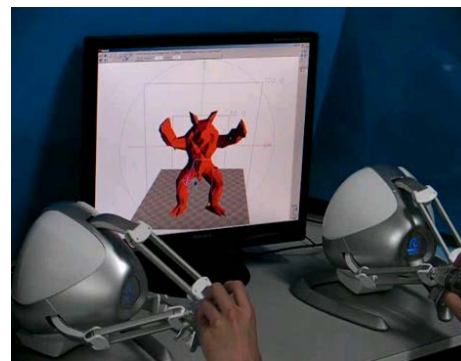


(Robotic suits for
walking assistance)

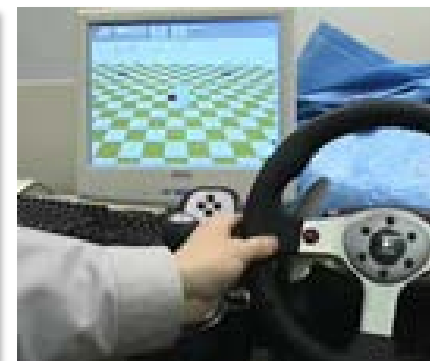


(Motion analysis
for fall prevention)

Fast & Realtime Simulation Technology



(Fast and stable simulation of
deformable bodies)



(Vehicle simulation considering
tire friction characteristics)