■ Force control [Raibert 1981] Velocity . Impedance force control [Hogan 1984, Ott 2010] Apparent inertia Hybrid force/impedance control [Schindlbeck 2015] Impact force ■ ■ Impact force modulation [Heinzmann 2003] Contact force ■ Velocity saturation [Haddadin 2012a] Discontinuities at contact release Inertia shaping of falling humanoids[Yun 2008]