Robotice: Mobility. Blo Rapiration. - The xtudy of thubed mobility. Porsche - 12 m/s2 (0-100) Sall Fish 7 8 m/s2 Cleetah + 13 m/s² C = speed of Want. Helros 2 > 0.00024C. → 217.84 Mach C=3x108m/s = 3x 105 km/s · Motors with good vare earth magnets = 60x60×3×105 * Km/hr o Motors with good themal shedding sapability. 1 = 330m/s → 330 × 60× 60 o Motors with large alt gap Power ie the rate at which energy gets moved around. Power can be defined as the speed at which I can dustain my force

Date Page 16/7/22 Mechanical LTI Systems. Newtone Laws when a mass mouse to x(t) they have velocity > å (t) acceleration -> å(t). $\hat{n} \cdot m \times \hat{n} = f$ Friction is a viscous force. 10/2 p= pa | Leveo = g(o) g: khematte function [forward]. $\eta = m\ell^2 \dot{\theta}^2 + mg\ell(\partial - 1)^2$ + 2m(1×4) 02 + 2mg 4l(0-1)2 B=16ml² o² + 8mgl (0-1)²