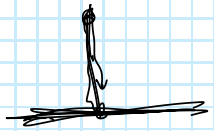
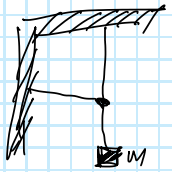
Exam1Review

Tuesday, May 23, 2023

- Identify SI units of given physical quantity
  check whether it is fundamental or derived
- Calculate units of coefficents in the equation
- Calculate distance, displacement, average velocity, speed
- Problem in which ball is thrown upward with some initial velocity



- Acceleration for two dimensional motion
  about car moving in differen directions
- Projectile motion, example discussed in the class
- Equilibrium Problems



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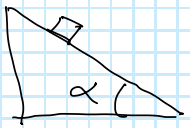
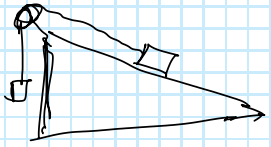


Static
frictional
coefficient

- Non Equilibrium Problem



- Work for 2d motion

- Conservation of Mechanical Energy
- Center of mass of the system
- Momentum Conservation