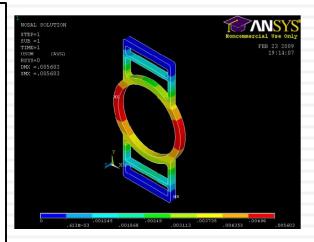
V E R T I G O Horizontal to Vertical Wall-Climbing Robot

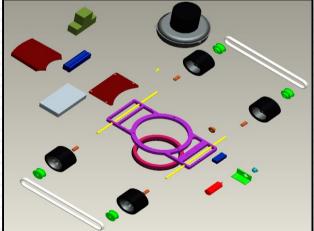
Team: Kyle Brouillette - Juan Pablo Padilla - Daniel Polonsky - Nick Clinkenbeard - Paul Lang

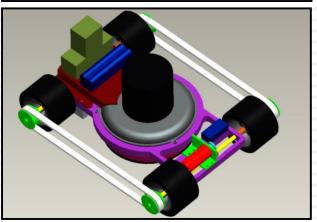
Goal: Design remotecontrolled robot that moves on horizontal and vertical surfaces with ability to carry a payload.

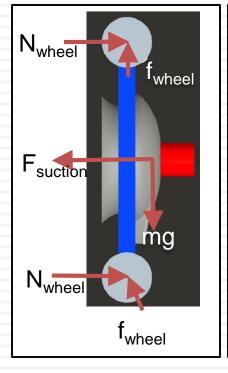


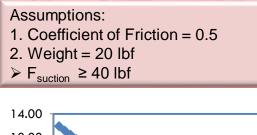
Constraints:

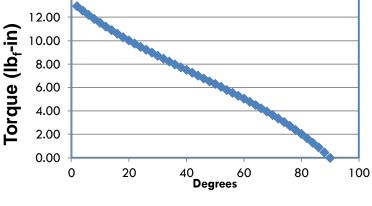
- 1. 20 lb total weight
- 2. 1.3 in wheel radius
- Requires 13 lb-in torque from motor





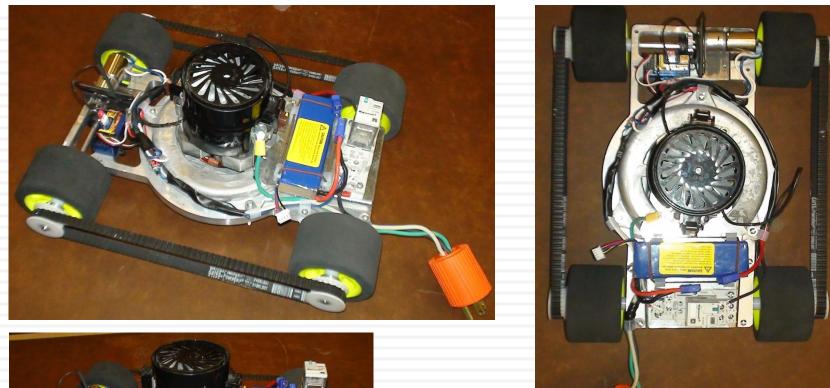






Prototype







- Robot weight of 6.3 lbs
 - Capable of carrying 3.8 lbs payload