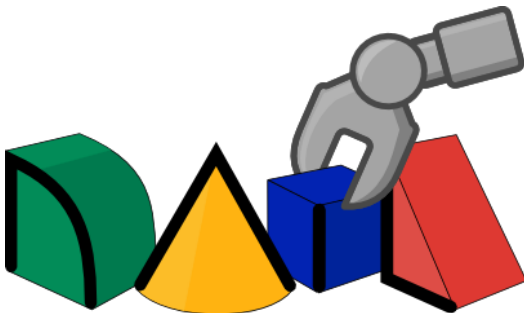


# Why Do Robots Fall?

Jason Chalom



RAIL Lab

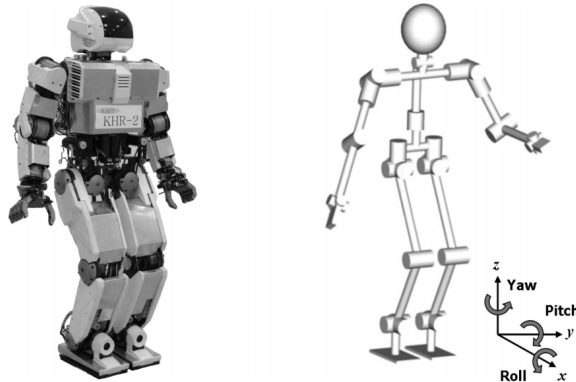


# Why Do Robots Fall?

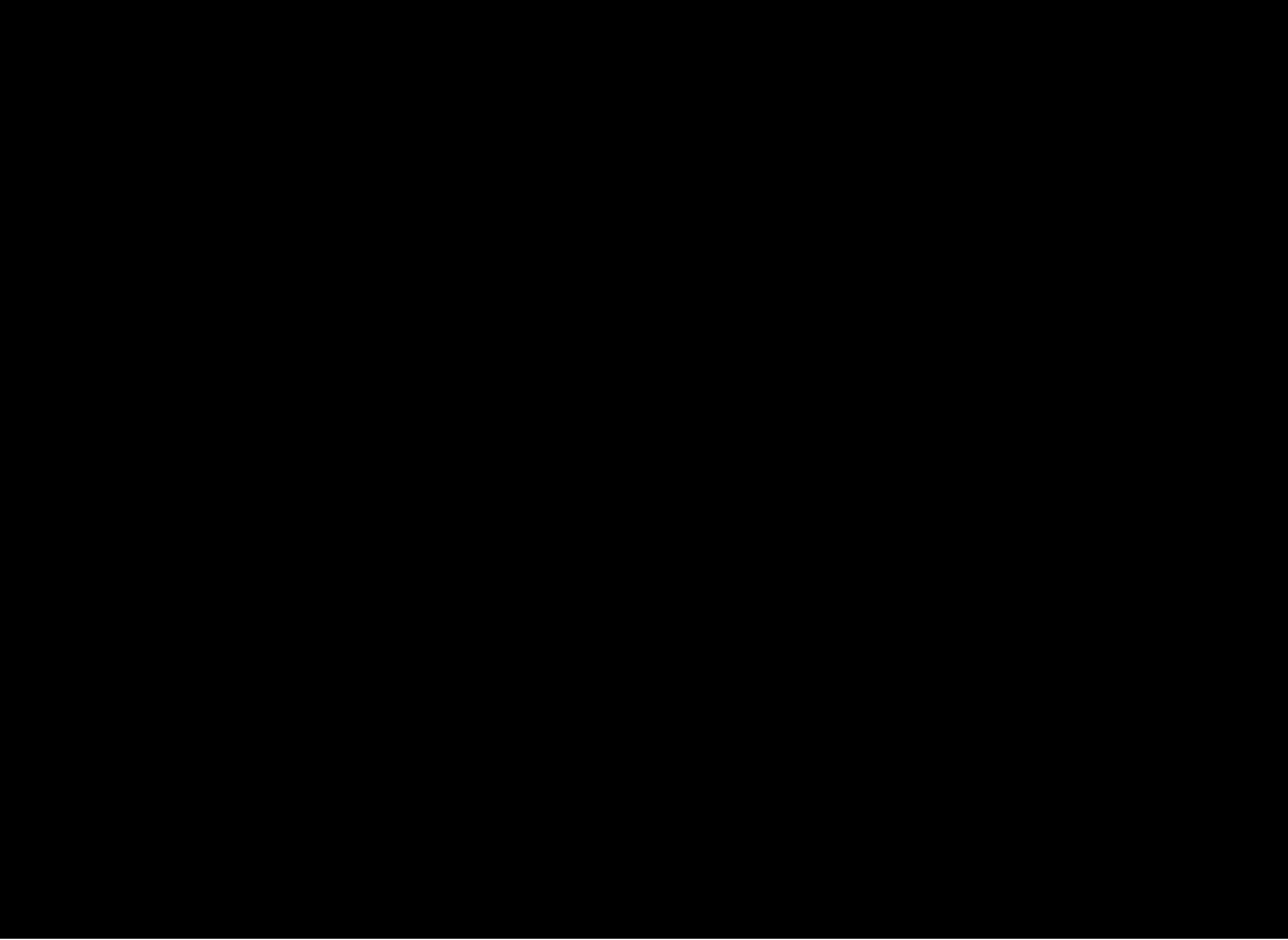
\* That was meant to be my talk

# TL;DR

- Its hard, there is control theory problems, stability problems and mechatronic problems



- Edge cases appear which cause unintended issues with systems which try to solve these problems



**Why do we like  
robots more  
when they  
mess up?**

- [theverge.com](https://theverge.com) 2017

# To Err Is Robot: How Humans Assess and Act toward an Erroneous Social Robot

Mirnig et al.

- A theory they have come up with is that we have more empathy for someone (or a personified entity) when they are usually reliable but then also make mistakes.
- Related to the Pratfall Effect

- **How Robots Can Affect Human Behavior:**  
**Investigating the Effects of Robotic Displays of Protest and Distress** Briggs et al.



