

What I Learned on 1/11/18

John Karasinski

Today in class I learned:

1. what Professor Ravani looks like
2. a new notation for skew symmetric matrices with vector kernel $\vec{c}, \underline{\underline{\tilde{c}}}$
3. a new coordinate system, homogenous coordinates, which can also be given to points at infinity

What I Learned on 1/16-18/18

John Karasinski

Today in class I learned:

1. about Chasles's Theorem, which describes a unique axis, the screw axis, which can be used to define general displacements of rigid bodies
2. the Rodrigues Equation, which mathematically defines Chasles' theorem

What I Learned on 1/23-25/18

John Karasinski

Last week in class I learned about:

1. rotary and translating joints
2. the D-H parameters and matrix
3. the Stanford Robot, how to set up it's D-H parameters, and how to find the direct kinematic solution