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 $\vec{c}$, $\underset{=}{\widetilde{c}}$

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