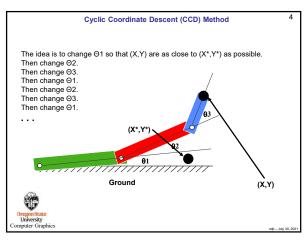


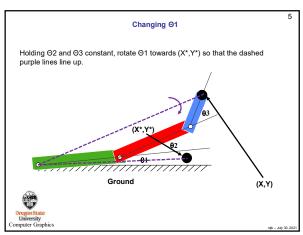
Inverse Kinematics Forward Kinematics solves the problem "if I know the link transformation parameters, where are the links?". **Inverse Kinematics** (*IK*) solves the problem "If I know where I want the links to be (X*,Y*), what link transformation parameters will put them there?" (X*,Y*) Ground

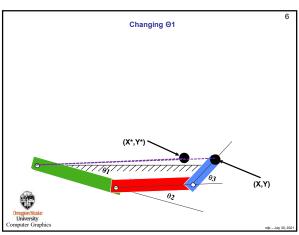
2





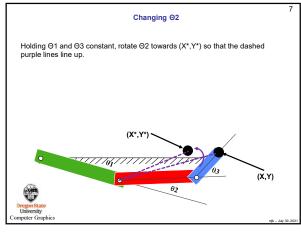
3 4

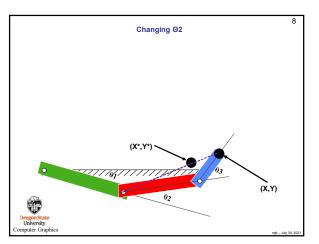




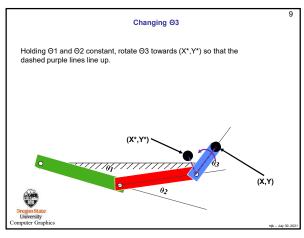
5 6

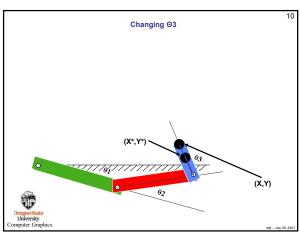
1



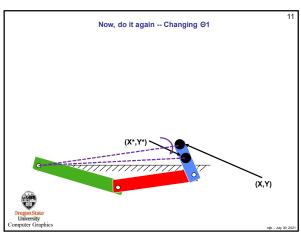


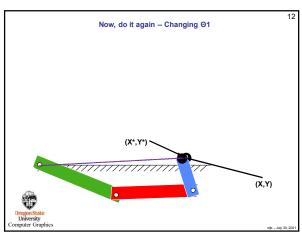
7 8





9 10





11 12

2

