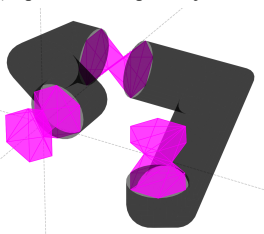
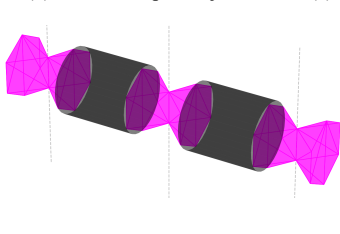


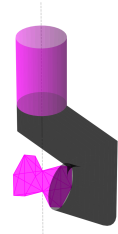
(a) Spherical compound joint



(b) Planar compound joint

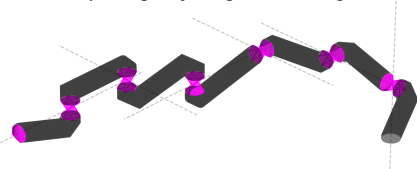


(c) Cylindrical compound joint

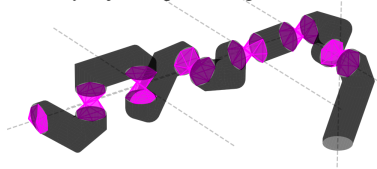


(d) PUMA arm

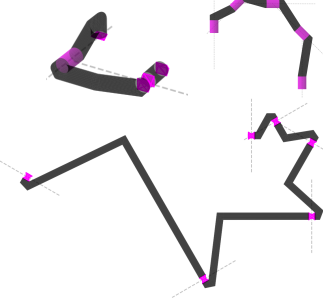
Generated by compact joint placement algorithm



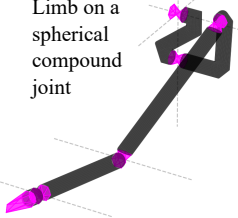
Manually adjusted preserving axes of motion



(e) Other examples



Limb on a  
spherical  
compound  
joint



Series of  
spherical  
compound  
joints

