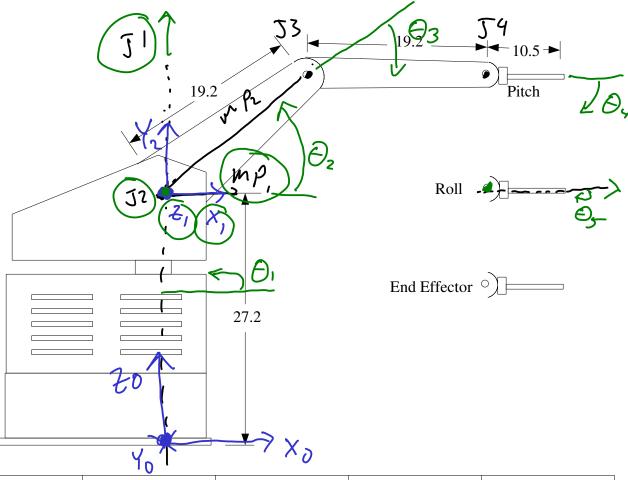
Robotics – ECE 417

Homework

The following applies to our LabVolt robots. Draw the coordinate frame for each link (don't forget to include link 0). Label each axis and indicate how you define the joint angles. Then fill in the joint parameter table. Use a dot for an axis pointing out of the page and an X for an axis pointing in.



| Axis | d _i | $	heta_{i}$ | a _i | $\alpha_{\rm i}$ |
|------|----------------|-------------|----------------|------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |