p\_tip\_1 =

[0.0096;

-0.0636;

0.0278];

p\_post\_1 =

[-0.1527;

-0.1641;

0.5636];

p\_tip\_2 =

[0.0129;

-0.0589;

0.0344];

p\_post\_2 =

[-0.1529;

-0.1514;

0.5604];

p\_tip\_final =

[0.0113;

-0.0612;

0.0311];

p\_post\_final =

[-0.1528;

-0.1578;

0.5620];

x\_axis =

[-0.6946;

0.4650;

-0.5489];

y\_axis =

[0.7591;

-0.1082;

-0.6419];

z\_axis =

[-0.3579;

-0.8625;

-0.2778];