

```
>> testL6GenTraj
```

```
ans =
```

```
alphaLims
```

```
Here 3
```

```
ans =
```

```
mussecLims
```

```
Here 2
```

```
ans =
```

```
alphaOrient
```

```
ans =
```

587	695	610	694	569	895
1508	1485	1435	1592	1425	1296
2414	2383	2311	2448	2371	1698

```
ans =
```

-90.0000	-90.0000	-90.0000	-90.0000	-90.0000	0.5000
0	0	0	0	0	1.0000
90.0000	90.0000	90.0000	90.0000	90.0000	1.2500

```
ans =
```

-1	-1	1	-1	-1	-1
----	----	---	----	----	----

```
this =
```

```
lynx6 with properties:
```

```
    alpha: []  
   alphaIds: [0 1 2 3 4 5]  
 alpha2mussec: [6x6 double]  
   alphaHome: [6x1 double]  
  alphaSleep: [6x1 double]  
alphaOrient: [-1 -1 1 -1 -1 -1]  
   alphaLims: [3x6 double]  
  mussecLims: [3x6 double]  
   linklen: []
```

```
serialid: [1x1 serial]  
Jak: []
```

```
37 16.setArm([alpha_i,0]*diag([180/pi, 180/pi, 180/pi, 180/pi, 180/pi, 1]))'  
At initial position, press return to start ...
```

```
gf_generated =
```

-0.8615	0.4033	0.3084	1.4834
-0.5077	-0.6844	-0.5233	-2.5173
0	-0.6074	0.7944	17.8051
0	0	0	1.0000

```
gerr =
```

-0.4945	-0.8691	0.0063	0.0263
0.8619	-0.4895	0.1322	0.0169
-0.1118	0.0708	0.9912	0.0291
0	0	0	1.0000

```
eps_err =
```

0.0311
-0.0175
0.0316
-0.0739
0.1422
2.0841

```
eps_err_norm =
```

0.1672
--------

```
posf_gen =
```

1.4834
-2.5173
17.8051

```
posf =
```

1.4765
-2.5574
17.8180

```
>>
```