**Appendix B-Inertia parameters of link in the center of mass coordinate system**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Link | m | *Ixx* | *Iyy* | *Izz* | *Ixy* | *Ixz* | *Iyz* |
| Body | 15.100717743 | 0.68976308 | 0.612989762 | 0.1389151407 | 0 | 0 | 0 |
| LF-*l*1 | 2.3523814491 | 1.04808098E-02 | 8.88259037E-03 | 4.26675463E-03 | 0 | 0 | 0 |
| LF-*l*2 | 0.5868045476 | 6.97388713E-03 | 6.89325855E-03 | 5.60653084E-04 | 0 | 0 | 0 |
| LF-*l3* | 1.0111367876 | 1.19559334E-02 | 1.16566507E-02 | 5.88197758E-04 | 0 | 0 | 0 |
| LH-*l*1 | 2.3523814491 | 1.04808098E-02 | 8.88259037E-03 | 4.26675463E-03 | 0 | 0 | 0 |
| LH-*l*2 | 0.5868045476 | 6.97388713E-03 | 6.89325855E-03 | 5.60653084E-04 | 0 | 0 | 0 |
| LH-*l*3 | 1.0111367876 | 1.19559334E-02 | 1.16566507E-02 | 5.88197758E-04 | 0 | 0 | 0 |
| RH-*l*1 | 2.3523814491 | 1.04808098E-02 | 8.88259037E-03 | 4.26675463E-03 | 0 | 0 | 0 |
| RH-*l*2 | 0.5868045476 | 6.97388713E-03 | 6.89325855E-03 | 5.60653084E-04 | 0 | 0 | 0 |
| RH-*l*3 | 1.0111367876 | 1.19559334E-02 | 1.16566507E-02 | 5.88197758E-04 | 0 | 0 | 0 |
| RF-*l*1 | 2.3523814491 | 1.04808098E-02 | 8.88259037E-03 | 4.26675463E-03 | 0 | 0 | 0 |
| RF-*l*2 | 0.5868045476 | 6.97388713E-03 | 6.89325855E-03 | 5.60653084E-04 | 0 | 0 | 0 |
| RF-*l*3 | 1.0111367876 | 1.19559334E-02 | 1.16566507E-02 | 5.88197758E-04 | 0 | 0 | 0 |