

Fig. 1: Mixed quasi values.



Fig. 2: Joint values.



Fig. 3: End effector translation values.



Fig. 4: End effector rotation values.



Fig. 5: End effector wrench values.

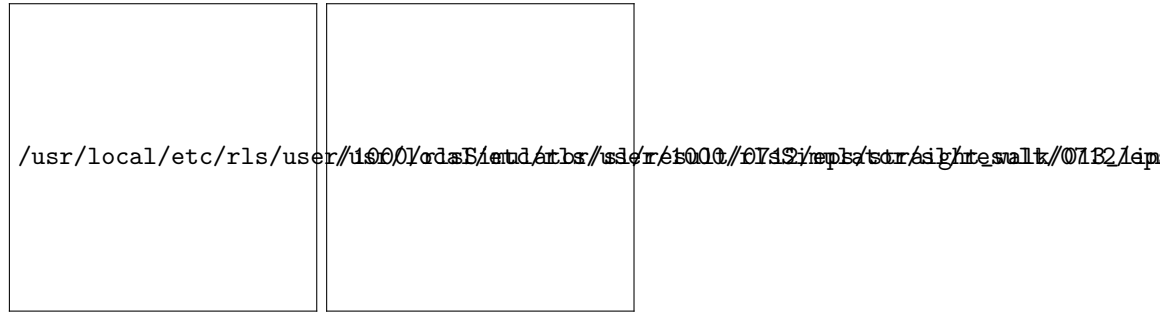


Fig. 6: Linear and angular momentum.

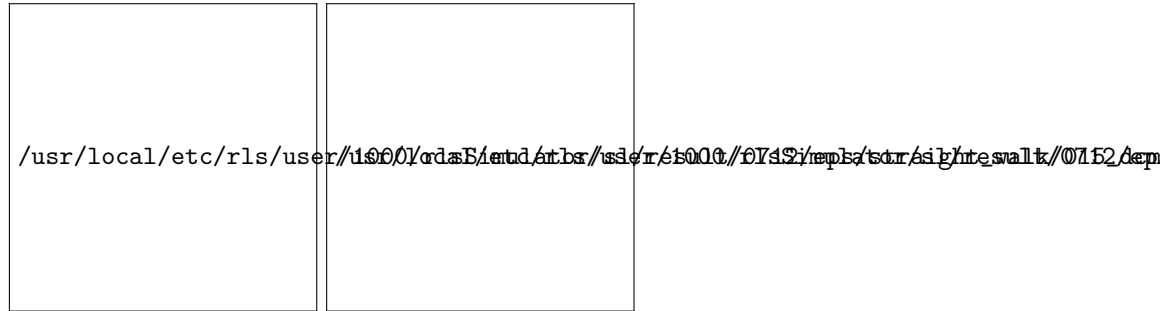


Fig. 7: Desired DCM values.

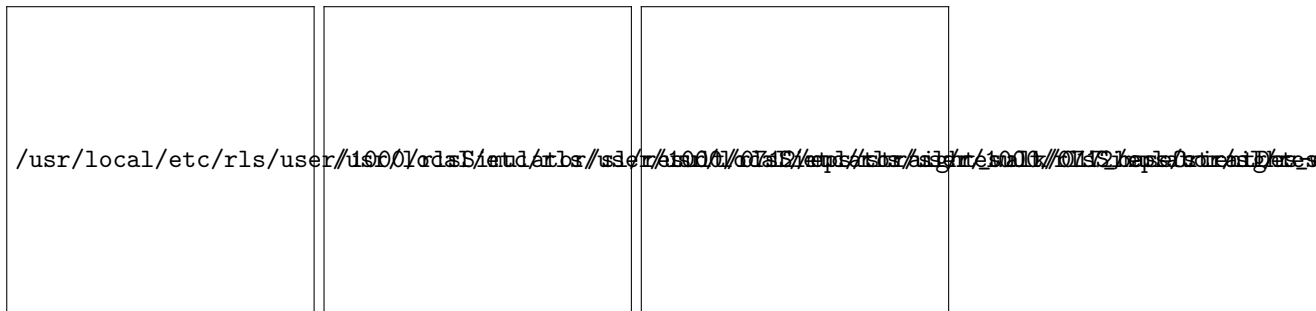


Fig. 8: Desired base rotation values.

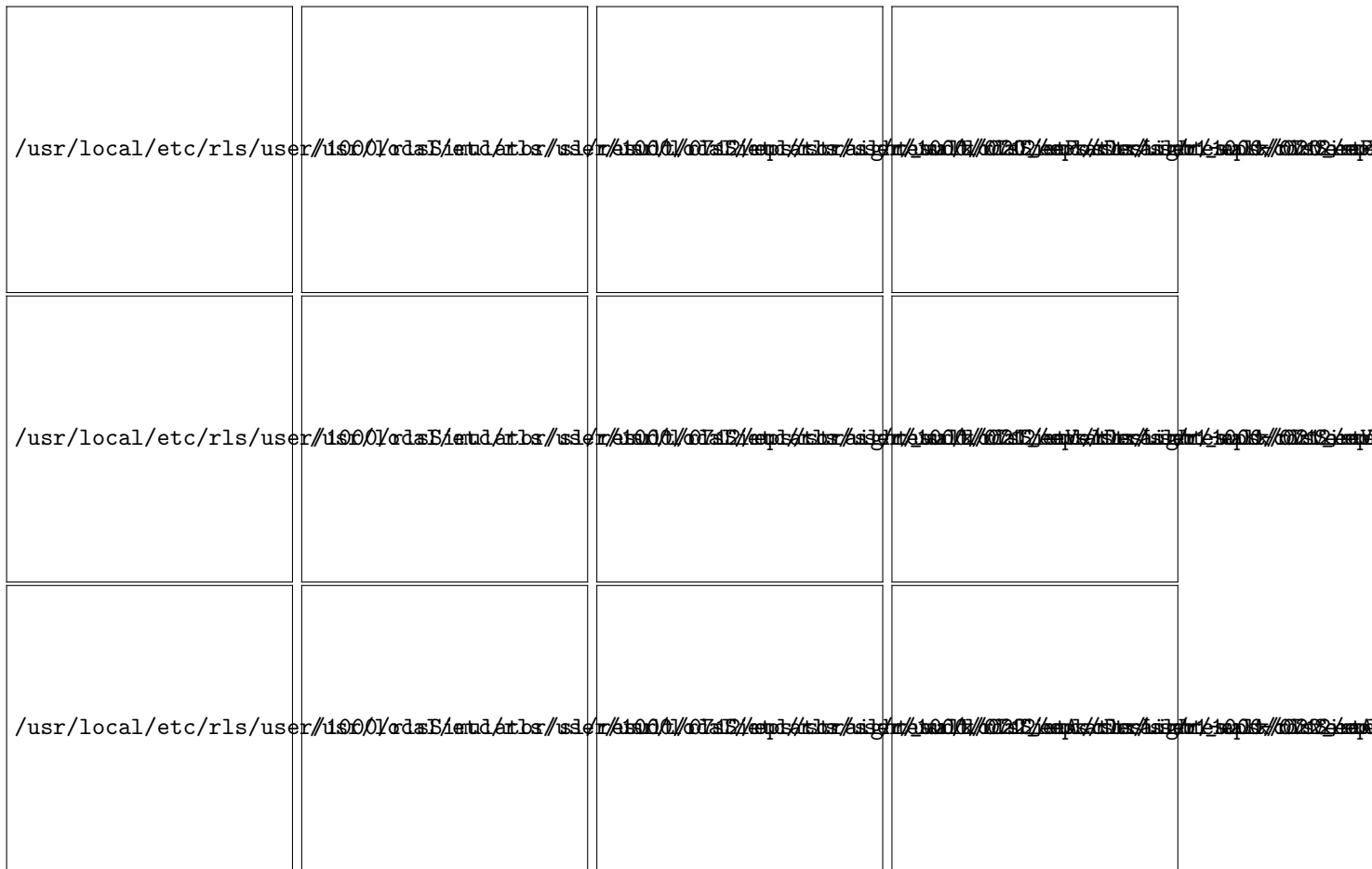


Fig. 9: Desired end effector translation values.





Fig. 13: End effector translation error values.



Fig. 14: End effector rotation error values.

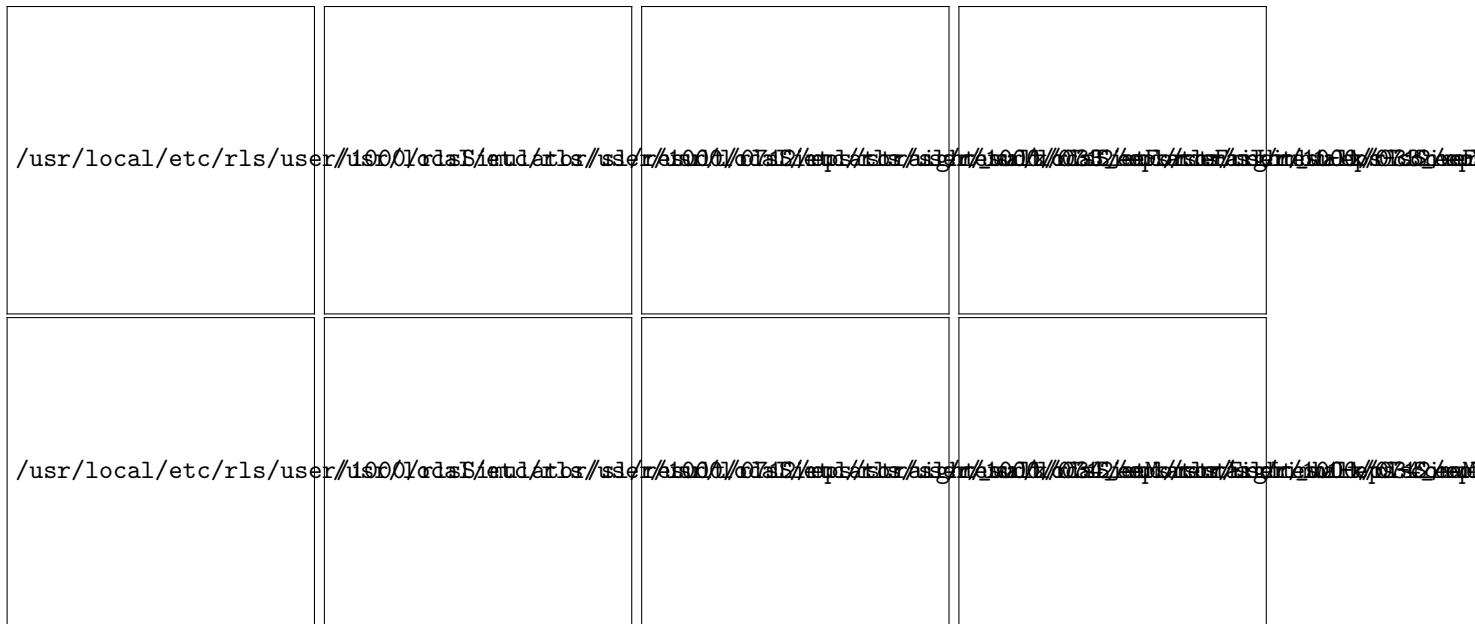


Fig. 15: End effector wrench error values.



Fig. 16: Optimized Mixed quasi-acceleration reference values.

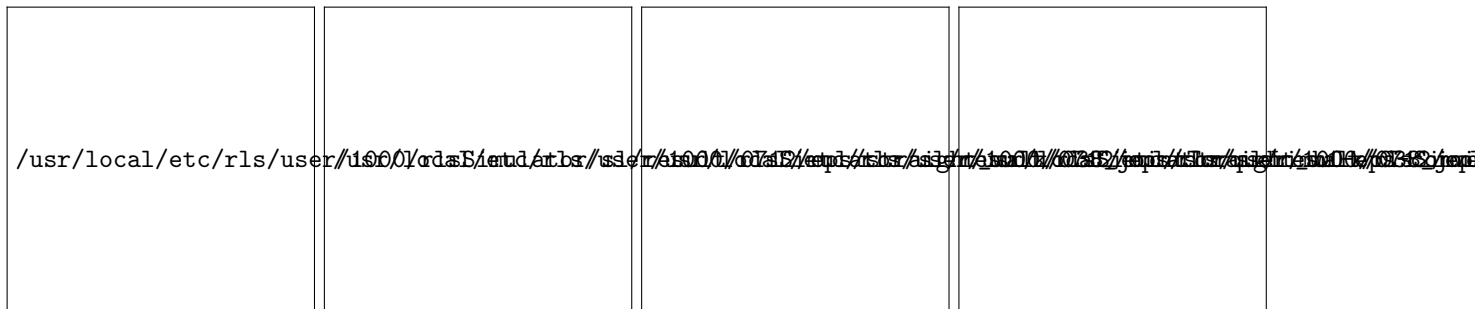


Fig. 17: Joint torque.



Fig. 18: Rate of change of spatial momentum reference values.

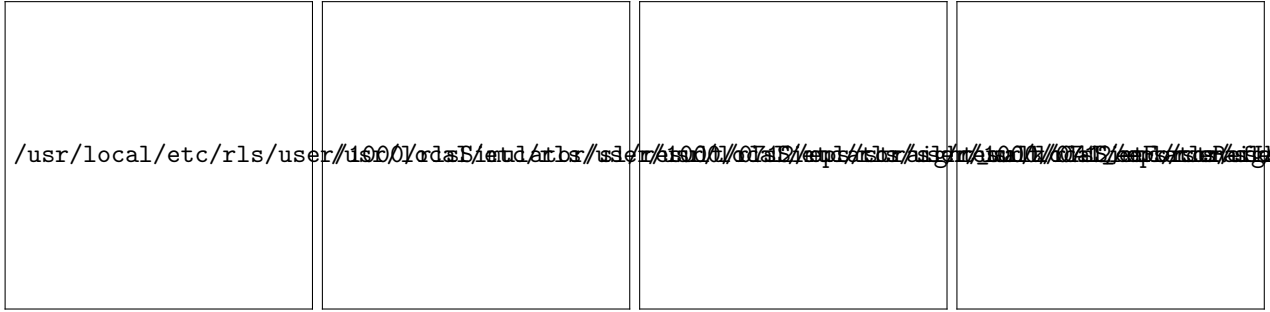


Fig. 19: End effector wrench reference values.



Fig. 20: External wrench reference values.



Fig. 21: System spatial momentum values.



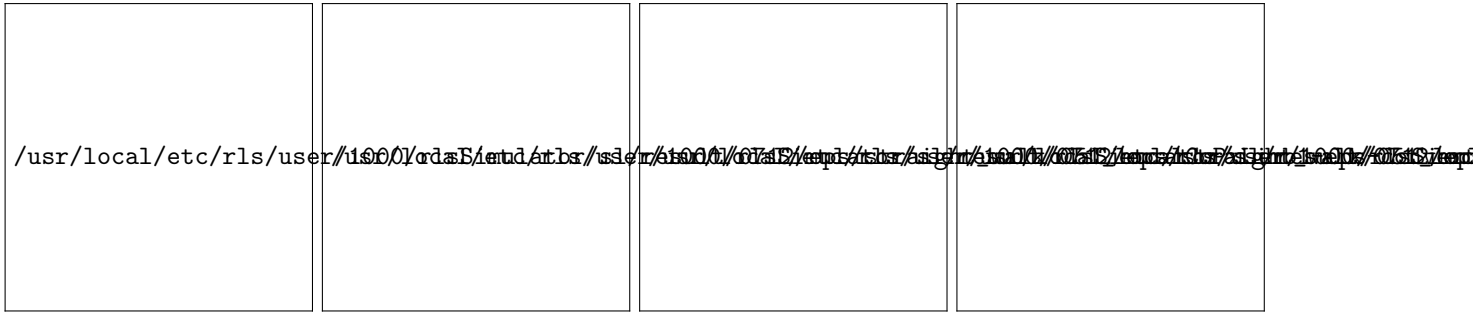


Fig. 22: Local CoP values.

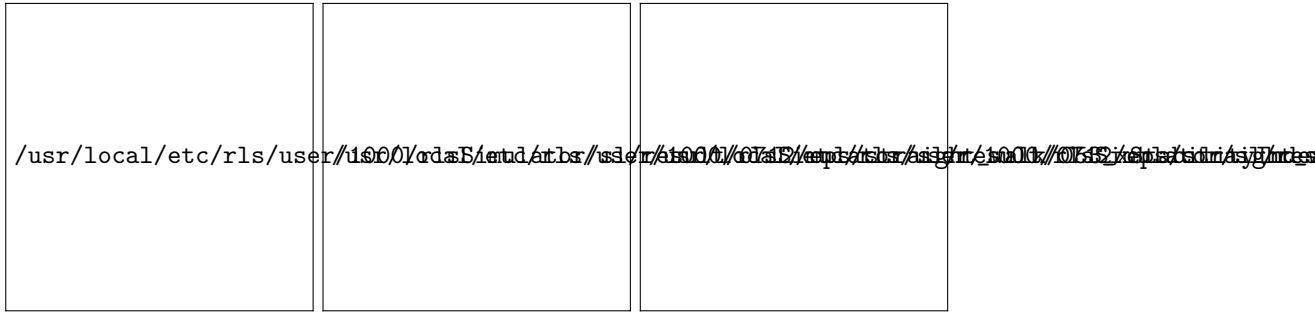


Fig. 23: net CoP and gCoM and xCoM values.

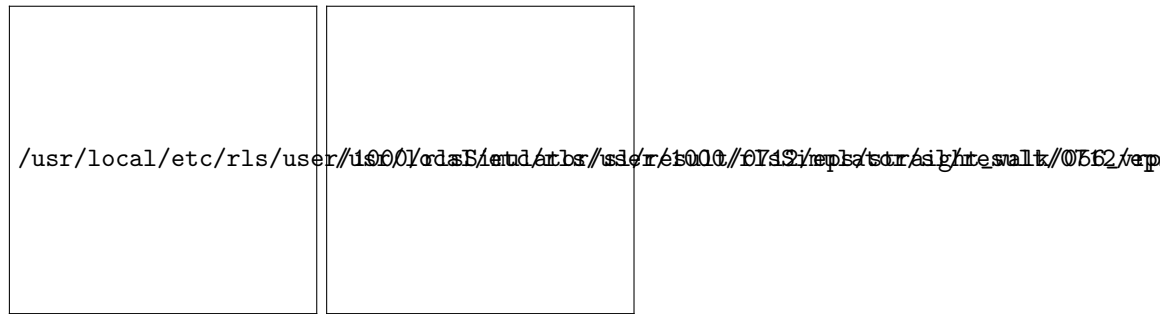


Fig. 24: Desired VRP values.

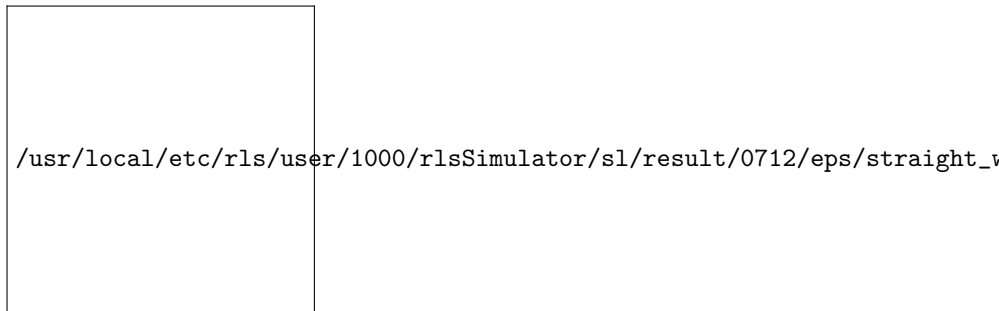


Fig. 25: Foot print.