



Fig. 6 Control performance

5. CONCLUSION

This paper presented the time-delayed control method for the balancing control application of a two-wheel mobile robot. The performance by the time-delayed control method is better than that of PD control method. Experimental studies confirmed that TWMR has shown more stable balancing performance when the outer disturbance was applied.

Acknowledgement

. This work was supported in part by the 2012 Korea Research Fund and the center for autonomous intelligent manipulation (AIM) for service robots of the MKE (The Ministry of Knowledge Economy), Korea, under the Human Resources Development Program for Convergence Robot Specialists support program supervised by the NIPA (National IT Industry Promotion Agency) under NIPA-2012-H1502-12-1002.

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