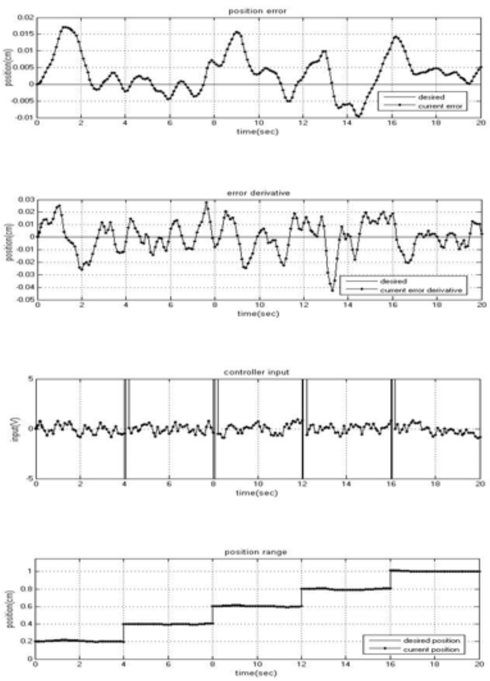

Fig.5.Results for repeating a 0.2cm step-train response

5. Conclusion

This paper does a research on the suspension control problem of the magnetic levitation vehicle system, which in nature, is served as strongly coupling, nonlinear and instability. The related analysis had been applied in to the maglev system. The linearization method and adaptive sliding mode controller can stable the system effectively.

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