

Hil Testing active dolly

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Abstract—Bla bla bla

I. INTRODUCTION

- HCT gut fuer umwelt
- Economy
- Off-tracking reduction

Our conclusion is simple: the application of a Modelica language based simulation tool, such as Dymola, is very attractive to design the nonlinear inverse model controller for active dolly steering systems of HCT vehicles.

II. HARDWARE-SETUP

A. *dolly*

B. *MABII*

C. *Arduino*

III. SOFTWARE-SETUP

A. *VTM*

B. *RTI Zeug*

C. *ControllDesk*

IV. DELAYS

V. MANEUVERS

VI. RESULTS AND DISCUSSIONS

VII. RELATED WORKS

VIII. CONCLUSIONS

APPENDIX

ACKNOWLEDGMENT

REFERENCES

- [1] M.S. Kati, J. Fredriksson, L. Laine, B. Jacobson, "Performance Improvement for A-double Combination by introducing a Smart Dolly," in Proceedings of the 13th International Heavy Vehicle Transport Technology Symposium, San Luis, Argentina, 2014.

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