

Hardware-in-the-Loop Plant Modeling for Autonomous Vehicle

Progress Presentation

Hannah Grady Nicholas Nauman
Advisor: Dr. Suruz Miah

Department of Electrical and Computer Engineering
Bradley University
1501 W. Bradley Avenue
Peoria, IL, 61625, USA

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Outline

- 1 Introduction
- 2 Steering Subsystem
- 3 Acceleration Subsystem
- 4 Brake Subsystem
- 5 Concluding Remarks
- 6 References

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Introduction



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Steering Subsystem



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Acceleration Subsystem



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Brake Model

- System Identification Toolbox
- Neural Net Time Series Toolbox

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Concluding Remarks

Semester goals



Anticipated Challenges



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