# A Real-time Model Predictive Control of a Non-linear Robotic System Using a Physics Engine

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## Abstract—The abstract goes here.

## I. INTRODUCTION

This demo file is intended to serve as a "starter file" for IEEE conference papers produced under LATEX using IEEE-tran.cls version 1.8b and later. I wish you the best of success.

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### II. CONCLUSION

The conclusion goes here.

### ACKNOWLEDGMENT

Changed something more

## REFERENCES

[1] H. Kopka and P. W. Daly, A Guide to LTEX, 3rd ed. Harlow, England: Addison-Wesley, 1999.