

A report  
on

# **Fuzzy control of an inverted pendulum system**

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## **1 Introduction**

## **2 Mathematical background**

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## **3 Fuzzy control algorithms**

## **4 Results and discussions**

## **5 Conclusions**

## 6 References

- [1] *Introduction to Soft Computing*. URL: <https://nptel.ac.in/courses/106105173>.