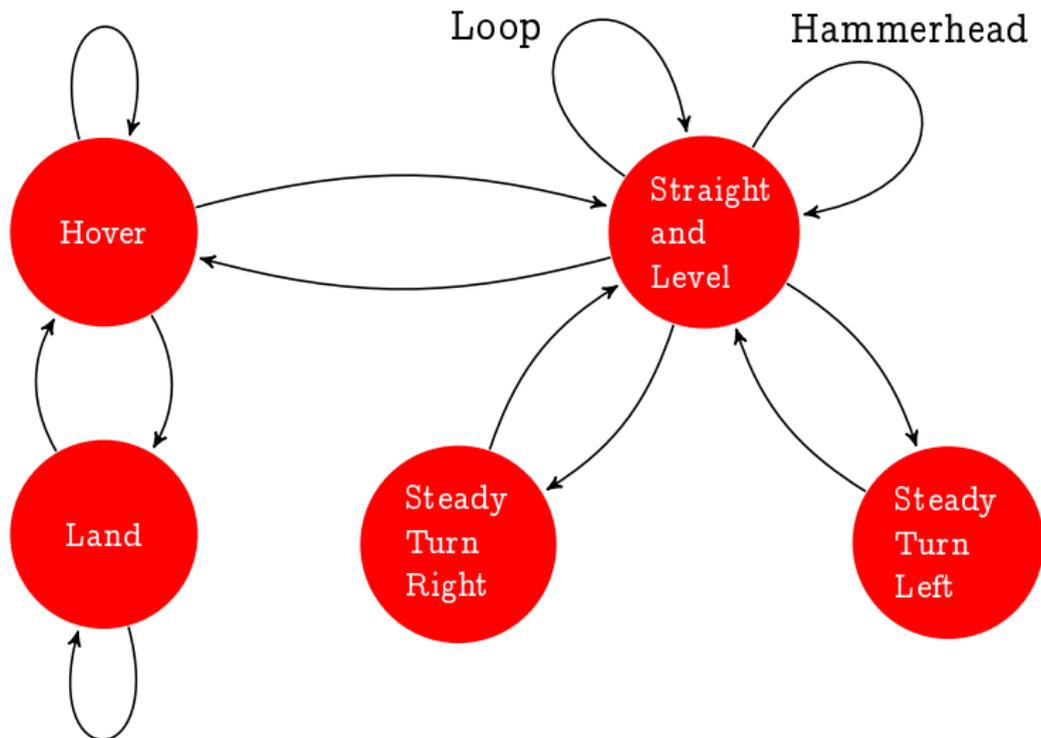
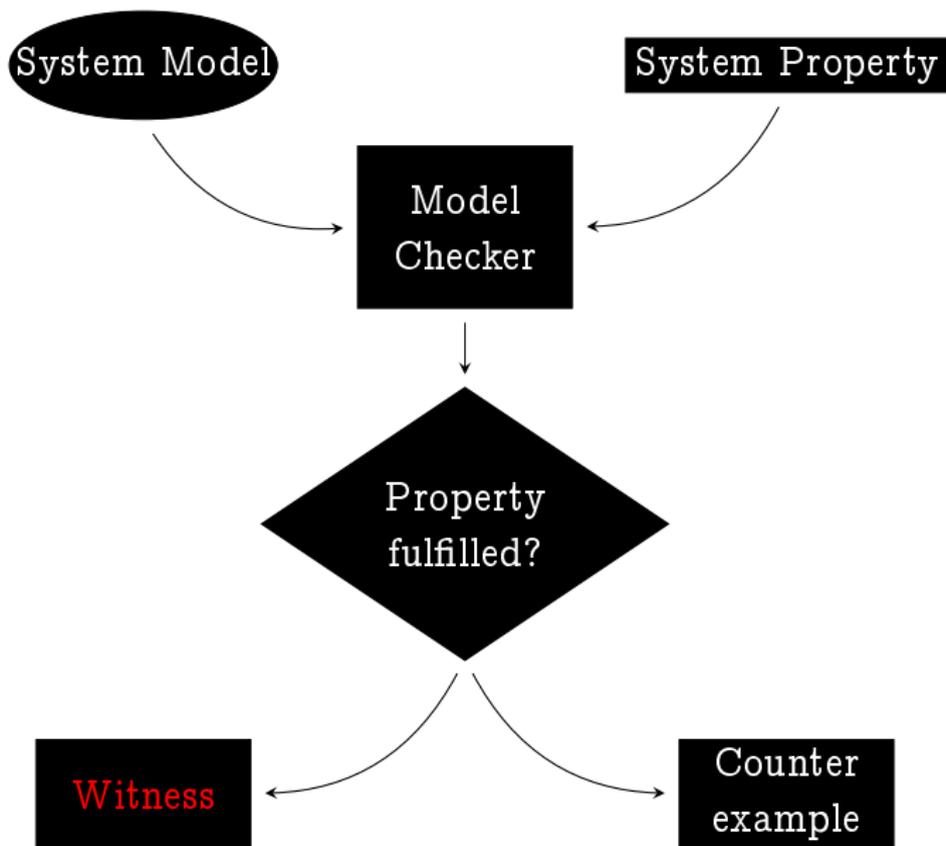


## CTL Model Checking of Manœuvre Automata

# What is a manoeuvre automaton?



# What is model checking?



## The main idea of this seminar

- Plan can be expressed as CTL formulæ

$$E(\neg \text{obstacle} \ U \ \text{goal})$$

- MA can be interpreted as Transition Systems

$$m_0 \longrightarrow m_1 \quad \text{iff} \quad s_0 \longrightarrow s_1$$

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Model checking of Manœuvre Automata

=

Path Planning with Manœuvre Automata

## Are you suited for this topic?

if

- you know about **model checking**,
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then

- feel free to contact me to discuss more!

end if