

Assesment proposed by the supervisor of Master 's thesis: **Excellent**

Assesment proposed by the reviewer of Master 's thesis: **Excellent**

**Course of the defence:**

During the Final State Examination in Liberec, and in accordance with Article 14 of the "Study and Examination Regulations TUL", paragraph (7) student met the Commission with the assignment of the thesis and objectives.

Student described the method and processing and said main results of his Master 's thesis in 13 minutes.

Discussion of the issues raised by the members of the Committee:

**doc. Ing. Osvald MODRLÁK, CSc.:** *How many regions has a linear system without restrictions?*

- Issue has been answered without reservations in 3 minutes.

**Ing. Jan Koprnický, Ph.D.:** *Why did you use this uController?*

- Issue has been answered without reservations in 3 minutes.

**Prof. Dr. rer. nat. Stefan BISCHOFF:** *Did you compare model predictive control with classification controller e.g. PID? What are the differences?*

- Issue has been answered without reservations in 5 minutes.

Formal comments on the Master 's thesis raised by the members of the Committee:

- There were no comments to thesis.

Student answered questions from supervisor and opponent evaluation.

*Committee No.7 - ME, MEA:*

chairman: **doc. Ing. Osvald MODRLÁK, CSc., MTI, FM**

vice-chairman: **doc. Ing. Petr TŮMA, CSc., MTI, FM**

members: **Prof. Dr. rer. nat. Stefan BISCHOFF, HS Zittau, SRN**

**doc. Mgr. Ing. Václav Záda, CSc., MTI, FM**

**Ing. Martin PUSTKA, VÚTS a.s. Liberec**

**Ing. Lukáš HUBKA, Ph.D., MTI, FM**

**Ing. Jan Koprnický, Ph.D., MTI, FM**

secretary: **Ing. Martin Kysela, MTI, FM**

Assesment: **Excellent**

Defence date: **June 16, 2015**

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Committee Chairperson's signature