# Bachelor thesis opponent's review

**CZECH TECHNICAL UNIVERSITY IN PRAGUE**
**Faculty of electrical engineering**
**Department of electrical power engineering**
Technická 2, 166 27 Prague 6, Czech Republic

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|---|---|
| **Bachelor thesis:** | **Application of Servers and Unix-like Systems for Sensor Control in Smart Homes** |
| **Author:** | **Yuan Weize** |
| **Thesis supervisor:** | **prof. Ing. Miroslav Husák, CSc.** |
| **Thesis opponent:** | **Ing. Jan Koller, Ph.D.** |

| | Rating (1 – 5) (1 = best; 5 = worst): |
|---|---|
| 1. Fulfillment of assignment requirements: | 1 |
| 2. Systematic solutions of individual tasks: | 1 |
| 3. Ability to apply knowledge and to use literature: | 2 |
| 4. Thesis formal and language level: | 1 |
| 5. Thesis readability and structuring: | 2 |
| 6. Thesis professional level: | 2 |
| 7. Conclusions and their formulation: | 2 |
| **8. Final mark evaluation (A, B, C, D, E, F):** | B |
| **verbal:** | **Very good** |

**Brief summary evaluation of the thesis** (compulsory):

The bachelor's thesis is solidly written. The flow charts are sometimes little bit atypical. Can you explain why a combination of acceleration and angular velocity is used in fall detection?

Date: 26.1.2026 Signature:

Notes:

1) The total thesis evaluation needn't be determined by the partial evaluations average.
2) The total evaluation (item 8) should be from the following scale:

| excellent | very good | good | satisfactory | sufficient | insufficient |
|---|---|---|---|---|---|
| A | B | C | D | E | F |