



SUPERVISOR EVALUATION

Bachelor thesis

Thesis title: **HEAT TRANSFER OF ELECTRONIC DEVICE COOLING**

Author: **Nguyen Giang Truong**

Supervisor: **Skočilas Jan, doc. Ing., Ph.D.**

Reviewer: **Štancl Jaromír, Ing. Ph.D., CTU in Prague, FEM**

The author elaborated a bachelor thesis within the range of 47 pages, containing 51 figures and 19 tables. 20 literature sources were used for the literature search.

The thesis deals with CFD analysis of electronic device cooling. The device generates heat that has to be removed by the cooling process. Two different approaches have been investigated to the cooling process. The water channel connected to the electronic device and the construction of aluminium fins for air cooling were analysed. The main focus should be on the thermal paste effect of heat transfer. The student's approach was average with adequate employment. He did not work independently but under detailed leadership. The author gained new practical experience in CFD and knowledge in the field of heat transfer by conduction.

He met all the objectives of the submission. I evaluated him by grade

B (very good)

In Prague, 5. 2. 2023

doc. Ing. Jan Skočilas, Ph.D.