

Supervisor assessment of Bachelor's Thesis

Student: Tlustoš Vít

Title: Automatic Detection of Eye Retinal Pathologies (id 25232)

Supervisor: Dražanský Martin, prof. Ing., Dipl.-Ing., Ph.D., DITS FIT BUT

1. Assignment comments

I consider the assignment of this bachelor's thesis to be more difficult, as it involves the processing of various manifestations of selected pathological findings in the retinal image. This work builds on previous and current research and development activities in our team in the field of analysis and processing of retinal images of the human eye. The assignment was fulfilled in all points.

2. Literature usage

Mr. Tlustoš used the recommended literary sources by the supervisor, but he found other sources on his own. I consider these to be relevant to the work and up to date.

3. Assignment activity, consultation, communication

The student was very active from the beginning of the project until its end, consulted regularly and was always well prepared for consultations. His interest in the problem and finding the best solution was obvious.

4. Assignment finalisation

The work was completed well in advance. I could go through the final version before submitting.

5. Publications, awards

I do not know the publishing activity or any awards. An industrial partner contacted us about collaboration in this area.

6. Total assessment

excellent (A)

I was very satisfied with the approach and the work of Mr. Tlustoš. For this reason, I propose a grade of **A**.

In Brno 1 June 2022

Dražanský Martin, prof. Ing., Dipl.-Ing., Ph.D.
supervisor