



FACULTY
OF MATHEMATICS
AND PHYSICS
Charles University

Report on defence of dissertation thesis

Academic year: 2024/2025

Student's name and surname: Mgr. Antonín Češík
Student's ID: 75974302

Type of the study programme: doctoral
Study programme: Mathematical analysis
Study ID: 654961

Title of the thesis: Variational strategies in material sciences: Analysis & Numerics
Thesis department: Mathematical Institute of Charles University (306. • 32-MUUK)

Language of the thesis: English
Language of defence: English
Supervisor: doc. Sebastian Schwarzacher, Dr.
Reviewer(s): prof. RNDr. Martin Kružík, Ph.D., DSc.
prof. Ulisse Stefanelli

Date of defence: 29.10.2024 **Venue of defence:** Praha
Attempt: regular

Examination proceedings: The chairman of the Committee for the defense of the Ph.D. thesis of Mgr. Antonín Češík welcomed all those present and observed that all the five members of the committee were present, therefore the defense could legally proceed. The opponent prof. Stefanelli was excused. The chairman of the committee pronounced that all the legal requirements for the defense to proceed have been met. Then he briefly introduced the candidate and let the relevant documents (CV, list of publications, the supervisor's statements and the opponents' reports) circulate. The candidate then presented the content and main results of the thesis in the form of a 30-minute presentation. The supervisor briefly assessed both the candidate and the thesis. He stressed the fact that the candidate worked independently and obtained excellent deep and new results. Then the first opponent presented essential parts of his report on the thesis. He stated several questions which were immediately satisfactorily answered by the candidate. Parts of the report of the second opponent who was not present were presented by the chairman of the committee. Both opponents stated in their reports that the thesis contains excellent results and that they have no objectives against acceptance of the thesis. A few questions and remarks have been stated during the general discussion. The candidate handled all the questions and remarks satisfactorily. Then the committee retired for the non-public part of the session, during which it was unanimously decided in the acclamatory way that Mgr. Antonín Češík should be awarded the title Ph.D.

Result of defence:	pass (P)	
Chair of the committee:	Pick Luboš, prof. RNDr., CSc., DSc.
Committee members:	Holubová Gabriela, doc. Ing., Ph.D.
	Kružík Martin, prof. RNDr., Ph.D., DSc.
	Nečasová Šárka, RNDr., DSc.
	Schwarzacher Sebastian, doc., Dr.