



FACULTY
OF MATHEMATICS
AND PHYSICS
Charles University

Report on defence of dissertation thesis

Academic year: 2023/2024

Student's name and surname: Eda Oktay

Student's ID: 47730342

Type of the study programme: doctoral

Study programme: Computational mathematics

Study ID: 683947

Title of the thesis: Mixed-precision computations in numerical linear algebra

Thesis department: Department of Numerical Mathematics (304. • 32-KNM)

Language of the thesis: English

Language of defence: English

Supervisor: Erin Claire Carson, Ph.D.

Reviewer(s): Dr. Alfredo Buttari

Jakub Šístek

Date of defence: 20.06.2024 **Venue of defence:** Praha

Attempt: regular

Course of the examination: After welcoming those present, the chairman of the commission introduced the candidate and announced the topic of her dissertation and the program of her doctoral study. He stated that all the conditions for the defense are clearly fulfilled and he mentioned all these conditions individually. He announced that no comments or objections concerning the dissertation have been submitted and presented the candidate's cv as well as an overview of her publications. After the supervisor commented on the candidate and his dissertation, the candidate presented the content of her dissertation. Subsequently, the chairman of the commission introduced referees of the dissertation. Then the referee Dr. Šístek and the chairman of the commission instead of the referee Dr. Buttari presented essential parts of the reports. The candidate answered questions of the referee Dr. Šístek and the chairman of the commission after questioning the referee stated that the referee is with the candidate's answers satisfied. He further stated that there are no other reports available and opened a general discussion. The candidate answered all questions. The chairman of the commission evaluated the progress of the defense and started the closed session in the presence of the supervisor and commission members. After a discussion, all present members of the commission expressed their opinion in favor of awarding the title Ph.D. to the candidate. The chairman of the commission announced this result to the candidate, he thanked all members of the commission for their participation and ended the defense.

Result of defence:	pass (P)	
Chair of the board:	Knobloch Petr, doc. Mgr., Dr., DSc.
Committee members:	Dolejší Vít, prof. RNDr., Ph.D., DSc.
	Hnětynková Iveta, doc. RNDr., Ph.D.
	Pultarová Ivana, doc. RNDr., Ph.D.
	Šístek Jakub
	Tichý Petr, doc. RNDr., Ph.D.
	Tůma Miroslav, prof. Ing., CSc.