UNIVERZITA KARLOVA
Matematicko-fyzikální fakulta

Zápis o obhajobě disertační práce

Akademický rok: 2020/2021

Jméno a příjmení studenta:	Raheleh Jalali Keshavarz, M.Sc.
Rok narození:	1988
Identifikační číslo studenta:	76455516
Typ studijního programu:	doktorský
Studijní program:	Algebra, teorie čísel a matematická logika
Studijní obor:	Algebra, teorie čísel a matematická logika
Identifikační čísla studia:	488124
Název práce:	Proof Systems: A Study on Form and Complexity
Pracoviště práce:	Matematický ústav AV ČR, v.v.i. (32-MUAV)
Jazyk práce:	angličtina
Jazyk obhajoby:	čeština
Školitel:	prof. RNDr. Pavel Pudlák, DrSc.
Oponent(i):	George Metcalfe
	Revantha Ramanayake
Datum obhajoby:	30.10.2020 **Místo obhajoby:** Zoom ID: 396 697 4589
Hlasování komise:	prospěl/a: 5 neprospěl/a: 0

Průběh obhajoby:

The defense started at 14.07. There were 20 people present: the candidate, her thesis advisor, all five committee members, one of the reviewers and twelve guests, her fellow students and colleagues in the field (R.Morint, A.Tabatabai, I.van der Griessen, T.Yamada, N. van den Brandt, L.Folwarczny, A.Horska, N.Thapen, A.Gaysin, R.Iemhoff, F.Part and E.Khaniki).

The committee chair welcomed everybody and introduced the candidate and her thesis topic. He stated that all formal requirements for the defense to go ahead were met. Then he read key parts of the candidate's cv a listed her publications (all this material was available to the committee ahead of the defense).

The thesis advisor, P.Pudlak, presented his view of the thesis content and the academic personality of the candidate, and after that the candidate presented the main results of the thesis. The presentation was clear and illuminating.

The chair then introduced the present reviewer (R.Ramanayake from Vienna) who presented his report and asked the candidate a number of questions related to thesis results as well as to possible generalizations of some. He was happy with her answers. The committee chair then read key parts of the second report (the reviewer could not be present) and asked some questions formulated in the report. The committee was satisfied with the candidate's answers.

During the general debate several people asked questions pertinent to possible future research in the area and to the possibility to extend the results to some new proof systems. The discussion clearly proved the candidate's command of the field.

After a summary of the defense by the chair the committee discussed privately (all visitors were put into the zoom waiting room)

the whole event and unanimously voted to award the PhD title to the candidate. Finally, the chair allowed all visitors back in, announced the result of the committee voting and declared that Raheleh Jalali was awarded the PhD title. After a round of congratulations the defense ended at 15.09.

Výsledek obhajoby:	prospěl/a (P)	
Předseda komise:	prof. RNDr. Jan Krajíček, DrSc.	....
Členové komise:	Mgr. Marta Bílková, Ph.D.	....
	doc. Ing. Petr Cintula, Ph.D.	....
	Mgr. et Mgr. Emil Jeřábek, Dr., Ph.D.	....
	doc. RNDr. Vítězslav Švejdar, CSc.	....