

**COMMITTEE FOR PREPARATION OF PROPOSALS FOR APPOINTMENT
INTO ACADEMIC TITLE FOR SCIENTIFIC FIELD OF "MATHEMATICS"**

INTERNATIONAL UNIVERSITY OF SARAJEVO
Faculty of Engineering and Natural Sciences

International University of Sarajevo			
PRIMLJENO-ARHIVE 17.07.2019.			
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Pursuant to Article 107, paragraph (3) of the Law on Higher Education ("Official Gazette of Sarajevo Canton" 33/17) and based on the Decision of the Council of the Faculty of Engineering and Natural Sciences, number: IUS-FENS 06-1901/19 dated July 17th, 2019, acting in accordance with the submitted Confirmation Certificate by Administrative Service No. IUS-FENS 06-1864-1/19 (attached to this Report), the Committee for preparation of proposals for the appointment to academic titles composed of:

1. **Prof. Dr. Mehmet Can**, professor emeritus at the Faculty of Engineering and Natural Sciences; appointed for *scientific field of Mathematics* (Committee Chair),
2. **Prof. Dr. Sencer Yeralan**, full professor at the Faculty of Engineering and Natural Sciences; appointed for *scientific field of Industrial Engineering* (Committee Member)
3. **Assoc. Prof. Dr. Leila Miller**, associate professor at the Faculty of Engineering and Natural Sciences; appointed for *scientific field of Mathematics* (Committee Member).

Evaluated application of Dr. Seyednima Rabiei for the appointment into position of Assistant Professor in the field of Mathematics upon public vacancy announcement published in newspaper "Nezavisne novine" and web page on July 6th, 2019, and submits the following

REPORT
(detailed)

Applicant's name: DR. SEYEDNIMA RABIEI per his application for appointment into academic title of Assistant Professor

Dr. Seyednima Rabiei was born in Sanandaj, Iran in 1981. Dr. Rabiei graduated in 2004 from University of Kurdistan, Sanandaj Iran, in field of *Applied Mathematics*, and completed master degree at the same university in 2007. In 2014, Dr. Rabiei acquired PhD degree in the field of *Applied Mathematics* in 2014 from Polytechnic University of Catalonia (UPC), Barcelona, Spain, with doctoral dissertation entitled *Decomposition Techniques for Computational Limit Analysis*.

Since 2015, Dr. Rabiei holds position of assistant professor at the Department of Mathematics and Natural Sciences, The American University of Iraq, Suleimani, Iraq.

**KOMISIJA ZA PRIPREMANJE PRIJEDLOGA ZA IZBOR U AKADEMSKO NASTAVNO ZVANJE ZA
NAUČNU OBLAST „MATEMATIKA“**

VIJEĆU FAKULTETA PRIRODNIH I TEHNIČKIH NAUKA

Na osnovu člana 107., stav (3) Zakona o visokom obrazovanju („Službene novine Kantona Sarajevo“ 33/17), postupajući na osnovu Odluke Vijeća Fakulteta prirodnih i tehničkih nauka, broj: IUS-FENS 06-1901/19 od 17.07.2019. godine i Potvrde Stručne službe broj: IUS-FENS 06-1864-1/19, Komisija za pripremanje prijedloga za izbor u akademska zvanja za naučnu oblast „Matematika“, u sastavu:

1. **Prof. dr Mehmet Can**, izabran za naučnu oblast Matematika na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu (predsjednik komisije),
2. **Prof. dr Sencer Yeralan**, izabran za naučnu oblast Industrijski inženjering na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu (član komisije), i
3. **Vanr. prof. dr Leila Miller**, izabrana za naučnu oblasti Matematika na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu (član komisije).

Nakon izvršene analize prijave za zvanje docenta, podnesene po javnom konkursu od 06.07.2019. godine u dnevним novinama „Nezavisne novine“ i internet stranici Internacionalnog univerziteta u Sarajevu, od strane aplikanta Dr. Seyednima Rabiei, Komisija podnosi sljedeći:

IZVJEŠTAJ
(s detaljima)

Kandidat: DR. SEYEDNIMA RABIEI, postupajući po prijavi za izbor u zvanje docenta

Dr. Seyednima Rabiei rođen je 1981. godine u Sanandaj, Iran. Diplomirao je Univerzitetu Kurdistan, Sanadaj, Iran 2004. godine u oblasti “Primijenjena matematika”, da bi potom na istom univerzitetu stekao zvanje magistra nauka 2007. godine. Dr. Rabiei stekao je zvanje doktora nauka u oblasti “Primijenjena matematika” 2014. godine na Politehničkom univerzitetu u Kataloniji, Barcelona, Španija odbranivši doktorsku disertaciju pod nazivom “Decomposition Techniques for Computational Limit Analysis”.

Od 2015. godine, Dr. Rabiei je u zvanju docenta na Odsjeku za matematiku i prirodne znanosti Američkog univerziteta u Iraku, Suleimani, Irak.

A. EDUCATION/OBRAZOVANJE

PhD	Polytechnic University of Catalonia (UPC), Barcelona, Spain, Applied Mathematics, 2010-2014. Dissertation: Decomposition Techniques for Computational Limit Analysis.	2014
Master of Science	University of Kurdistan, Sanandaj, Iran, Applied Mathematics	2007
Bachelor of Science	University of Kurdistan, Sanandaj, Iran, Applied Mathematics,	2004

B. ACADEMIC APPOINTMENT RECORDS / IZBORI U ZVANJA

September 2015 -	Assistant Professor at the Department of Mathematics and Natural Sciences, The American University of Iraq, Suleimani, Iraq.
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C. LIST OF SCIENTIFIC AND OTHER PUBLICATIONS / PREGLED NAUČNIH I DRUGIH RADOVA**C. 1. JOURNAL PUBLICATIONS SUBMITTED WITH APPLICATION TO VACANCY / NAUČNI RADOVI OBJAVLJENI U NAUČNIM ČASOPISIMA DOSTAVLJENI UZ PRIJAVU NA KONKURS**

1. N.Rabiei, E.Saleeby. On the Concentration of Mass in Generalized Unit Balls. Applied Mathematics E-Notes, An International Electronic Journal of Mathematics. Appl. Math. E-Notes, 18(2018), 259-267.
2. J.J.Munoz, N.Rabiei. AAR-based Decomposition Method for Lower Bound Limit Analysis. Engineering and Computational Mechanics(ICE). Volume 168, Issue EM4: 169-177, December 2015.
3. N.Rabiei, J.J.Munoz. AAR-based Decomposition Algorithm for Nonlinear Convex Optimization. Computational Optimization and Applications. Volume 62, Issue 3: 761-786, December 2015, (Springer).
4. J.J.Munoz, N.Rabiei, A.Lyamin and A.Huerta. Computation of Bounds for Anchor Problems in Limit Analysis and Decomposition Techniques. Book title: DirectMethods for Limit States in Structures and Materials. Spiliopoulos, Konstantinos; Weichert, Dieter (Eds). 2014, (Springer).
5. K.Shanazari, N.Rabiei. A Three Dimensional Adaptive Nodes Technique Applied to Meshless-Type Methods. Applied Numerical Mathematics. Volume 59, Issue 6: 1187-1197, June 2009, (Elsevier).

D. INTRODUCTORY LECTURE / PRISTUPNO PREDAVANJE

Dr. Seyednima Rabiei does not need to deliver introductory lecture since he actively participated in the realization of the lecturing process at higher education institutions

Dr. Seyednima Rabiei ne treba održati pristupno predavanje jer već posjeduje iskustvo predavača na visokoškolskim ustanovama.

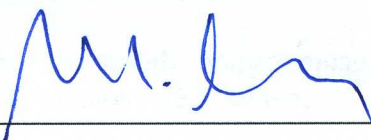
G - PROPOSAL AND RATIONALE

Based on the scientific work, in accordance with the Law on Higher Education of Sarajevo Canton ("Official Gazette of Sarajevo Canton" No: 33/17), we are pleased to propose to the Council of the Faculty of Engineering and Natural Sciences to appoint Dr. Seyednima Rabiei to the academic title of ASSISTANT PROFESSOR in the scientific field of "Mathematics", at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo.

Na osnovu naučnog rada, u skladu sa odredbama Zakona o visokom obrazovanju Kantona Sarajevo ("Službene novine Kantona Sarajevo" br: 33/17), sa zadovoljstvom predlažemo Vijeću Fakulteta prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu da se dr. Seyednima Rabiei izabere za nastavnika u naučnonastavnom zvanju DOCENTA na naučnoj oblasti "Matematika", na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu.

COMMITTEE / KOMISIJA

1. Prof. dr Mehmet Can (chairman/predsjednik)



2. Prof. dr Sencer Yeralan (member/član)



3. Vanr. prof. dr Leila Miller (member/član)