

## Notenspiegel

Zentrales Prüfungsamt

Datum: 02.01.2024

Nachname:  
**Darijani**

Vorname:  
**Ali**

Geburtsdatum:  
**21. April 1992**

Geburtsort:  
**Bam**

Matrikelnummer:  
**384636**

Studien-ID:  
**1480 88 911 (2010)**

Studiengang:  
**Simulation Sciences**

(angestrebter) Abschluss:  
**Master of Science RWTH Aachen University  
(M. Sc. RWTH)**

Module/Fächer	Note	Vm	Ang	CP	Datum	Sem
<b>Simulation Sciences</b>	<b>1,9</b>		<b>N</b>	<b>122,00</b>		
<b>Compulsory Courses</b>	<b>2,3</b>		<b>N</b>	<b>56,00</b>	<b>23.02.2023</b>	
<b>Numerical Methods for PDEs</b>	<b>1,7</b>		<b>N</b>	<b>8,00</b>	<b>16.09.2022</b>	
Numerical Methods for Partial Differential Equations	1,7	BE	N	8,00	16.09.2022	22S
<b>From Molecular to Continuum Physics I</b>	<b>2,0</b>		<b>N</b>	<b>6,00</b>	<b>24.02.2021</b>	
From Molecular to Continuum Physics I	2,0	BE	N	6,00	24.02.2021	20W
<b>Applied Quantum Mechanics</b>	<b>B</b>		<b>N</b>	<b>6,00</b>	<b>11.03.2021</b>	
Angewandte Quantenmechanik	B	BE	N	6,00	11.03.2021	20W
<b>Data Analysis and Visualization</b>	<b>2,7</b>		<b>N</b>	<b>4,00</b>	<b>21.02.2022</b>	
Data Analysis and Visualization	2,7	BE	N	4,00	21.02.2022	21W
<b>Fast Iterative Solvers</b>	<b>2,3</b>		<b>N</b>	<b>4,00</b>	<b>06.09.2021</b>	
Schnelle Iterative Löser	2,3	BE	N	4,00	06.09.2021	21S
<b>Parallel Computing in Simulation Sciences</b>	<b>1,7</b>		<b>N</b>	<b>6,00</b>	<b>26.07.2021</b>	
Parallel Computing for Computational Mechanics	1,7	BE	N	6,00	26.07.2021	21S
<b>Model Based Estimation Methods</b>	<b>2,7</b>		<b>N</b>	<b>5,00</b>	<b>25.09.2021</b>	
Modellgestützte Schätzmethode	2,7	BE	N	5,00	25.09.2021	21S
<b>From Molecular to Continuum Physics II</b>	<b>1,7</b>		<b>N</b>	<b>5,00</b>	<b>19.07.2019</b>	
From Molecular to Continuum Physics II	1,7	BE	N	5,00	19.07.2019	19S
<b>High-Performance Computing</b>	<b>3,7</b>		<b>N</b>	<b>6,00</b>	<b>23.02.2023</b>	
Einführung in High-Performance Computing (neu WS 15/16)	3,7	BE	N	6,00	23.02.2023	22W
<b>SiSc Laboratory</b>	<b>3,3</b>		<b>N</b>	<b>6,00</b>	<b>24.02.2022</b>	
Simulation Sciences Laboratory	3,3	BE	N	6,00	24.02.2022	21W
<b>Elective Courses</b>	<b>1,3</b>		<b>N</b>	<b>36,00</b>	<b>04.09.2021</b>	
<b>Continuum Mechanics</b>	<b>2,0</b>		<b>N</b>	<b>6,00</b>	<b>29.07.2020</b>	
Continuum Mechanics (Kontinuumsmechanik)	2,0	BE	N	6,00	29.07.2020	20S
<b>Computational Modeling of Membranes and Shells</b>	<b>1,0</b>		<b>N</b>	<b>5,00</b>	<b>10.07.2019</b>	
Computational Modeling of Membranes and Shells	1,0	BE	N	5,00	10.07.2019	19S

Module/Fächer	Note	Vm	Ang	CP	Datum	Sem
<b>Tensor Algebra and Tensor Analysis for Engineers I</b>	<b>1,3</b>		<b>N</b>	<b>6,00</b>	<b>05.02.2020</b>	
Tensor Algebra and Tensor Analysis for Engineering Students I	1,3	BE	N	6,00	05.02.2020	19W
<b>Tensor Algebra and Tensor Analysis for Engineers II</b>	<b>1,0</b>		<b>N</b>	<b>6,00</b>	<b>22.04.2021</b>	
Tensor Algebra and Tensor Analysis for Engineering Students II	1,0	BE	N	6,00	22.04.2021	20W
<b>Nonlinear Structural Mechanics</b>	<b>1,0</b>		<b>N</b>	<b>5,00</b>	<b>07.08.2019</b>	
Nonlinear Structural Mechanics	1,0	BE	N	5,00	07.08.2019	19S
<b>Practical Introduction to FEM-Software I</b>	<b>1,7</b>		<b>N</b>	<b>5,00</b>	<b>30.03.2021</b>	
Practical Introduction to FEM-Software I	1,7	BE	N	5,00	30.03.2021	20W
<b>Seminar Computergestützte mathematische Modellierung</b>	<b>B</b>		<b>N</b>	<b>3,00</b>	<b>04.09.2021</b>	
Seminar zur Computergestützten Mathematischen Modellierung	B	BE	N	3,00	04.09.2021	21S

Abschlussarbeit	Note	Vm	Ang	CP	Datum	Sem
<b>Masterarbeit</b>	<b>B</b>	<b>M</b>	<b>N</b>	<b>30,00</b>	<b>30.10.2023</b>	<b>23W</b>
Thema: Deep Unfolding of Wirtinger Flow type Schemes						

**Gesamtcredits: 122,00 / 120,00**

**Gesamtnote: 1,9**

**Diese Bescheinigung dient nicht zur Vorlage bei der Einschreibung; der Nachweis über ein abgeschlossenes Studium wird auf andere Weise geführt.**

#### Erläuterungen:

(!) ungültige Leistung = Diese Leistung ist ungültig und wird nicht gewertet

Notenskala: 1,0 - 1,5 sehr gut / 1,6 - 2,5 gut / 2,6 - 3,5 befriedigend / 3,6 - 4,0 ausreichend / 5,0 nicht ausreichend / B = Bestanden / Q = keine Beurteilung

Vm = Vermerk / Ang = angerechnete Leistung/Leistungsübertrag aus voriger PO-Version/vorgezogene Masterprüfung (J/N/T = Ja/Nein/Teilweise) / CP = Credit Points / Sem = Semester: \_\_ W = Wintersemester / \_\_ S = Sommersemester

Vermerke: AN = zur Zeit aktive Anmeldungen, BE = bestanden, NB = nicht bestanden, X = nicht erschienen, PA = Prüfung abgebrochen, Q = Attest, U = Täuschung, NZ = nicht zugelassen, A = Annullierung, PAQ = Prüfung abgebrochen (Attest), R = Rücktritt durch Genehmigung, S = Stornierung, TS = Technische Störung, M = mindestens ausreichend bestanden, G/GA/GL = Note gestrichen, E = Ersetzt, NU = nicht unternommen, TR = Themenrückgabe, NA = nicht abgegeben

Dieses Dokument wurde maschinell erstellt und ist ohne Siegel und Unterschrift gültig.

## Certification Examinations

Central Examination  
Office

Date: 2024-01-02

Family Name:  
**Darijani**

First Name:  
**Ali**

Date of Birth:  
**April 21, 1992**

Place of Birth:  
**Bam**

Student ID Number:  
**384636**

Study-ID:  
**1480 88 911 (2010)**

Course of Study:  
**Simulation Sciences**

(Intended) Degree:  
**Master of Science RWTH Aachen University  
(M. Sc. RWTH)**

Modules/Courses	Grade	An	Rec	CP	Date	Sem
<b>Simulation Sciences</b>	<b>1.9</b>		<b>N</b>	<b>122.00</b>		
<b>Compulsory Courses</b>	<b>2.3</b>		<b>N</b>	<b>56.00</b>	<b>2023-02-23</b>	
<b>Numerical Methods for PDEs</b>	<b>1.7</b>		<b>N</b>	<b>8.00</b>	<b>2022-09-16</b>	
Numerical Methods for Partial Differential Equations	1.7	BE	N	8.00	2022-09-16	22S
<b>From Molecular to Continuum Physics I</b>	<b>2.0</b>		<b>N</b>	<b>6.00</b>	<b>2021-02-24</b>	
From Molecular to Continuum Physics I	2.0	BE	N	6.00	2021-02-24	20W
<b>Applied Quantum Mechanics</b>	<b>B</b>		<b>N</b>	<b>6.00</b>	<b>2021-03-11</b>	
Applied Quantum Mechanics	B	BE	N	6.00	2021-03-11	20W
<b>Data Analysis and Visualization</b>	<b>2.7</b>		<b>N</b>	<b>4.00</b>	<b>2022-02-21</b>	
Data Analysis and Visualization	2.7	BE	N	4.00	2022-02-21	21W
<b>Fast Iterative Solvers</b>	<b>2.3</b>		<b>N</b>	<b>4.00</b>	<b>2021-09-06</b>	
Fast Iterative Solvers	2.3	BE	N	4.00	2021-09-06	21S
<b>Parallel Computing in Simulation Sciences</b>	<b>1.7</b>		<b>N</b>	<b>6.00</b>	<b>2021-07-26</b>	
Parallel Computing for Computational Mechanics	1.7	BE	N	6.00	2021-07-26	21S
<b>Model Based Estimation Methods</b>	<b>2.7</b>		<b>N</b>	<b>5.00</b>	<b>2021-09-25</b>	
Model Based Estimation Methods	2.7	BE	N	5.00	2021-09-25	21S
<b>From Molecular to Continuum Physics II</b>	<b>1.7</b>		<b>N</b>	<b>5.00</b>	<b>2019-07-19</b>	
From Molecular to Continuum Physics II	1.7	BE	N	5.00	2019-07-19	19S
<b>High-Performance Computing</b>	<b>3.7</b>		<b>N</b>	<b>6.00</b>	<b>2023-02-23</b>	
Introduction to High-Performance Computing	3.7	BE	N	6.00	2023-02-23	22W
<b>SiSc Laboratory</b>	<b>3.3</b>		<b>N</b>	<b>6.00</b>	<b>2022-02-24</b>	
Simulation Sciences Laboratory	3.3	BE	N	6.00	2022-02-24	21W
<b>Elective Courses</b>	<b>1.3</b>		<b>N</b>	<b>36.00</b>	<b>2021-09-04</b>	
<b>Continuum Mechanics</b>	<b>2.0</b>		<b>N</b>	<b>6.00</b>	<b>2020-07-29</b>	
Continuum Mechanics	2.0	BE	N	6.00	2020-07-29	20S
<b>Computational Modeling of Membranes and Shells</b>	<b>1.0</b>		<b>N</b>	<b>5.00</b>	<b>2019-07-10</b>	

Modules/Courses	Grade	An	Rec	CP	Date	Sem
Computational Modeling of Membranes and Shells	1.0	BE	N	5.00	2019-07-10	19S
<b>Tensor Algebra and Tensor Analysis for Engineers I</b>	<b>1.3</b>		<b>N</b>	<b>6.00</b>	<b>2020-02-05</b>	
Tensor Algebra and Tensor Analysis for Engineering Students I	1.3	BE	N	6.00	2020-02-05	19W
<b>Tensor Algebra and Tensor Analysis for Engineers II</b>	<b>1.0</b>		<b>N</b>	<b>6.00</b>	<b>2021-04-22</b>	
Tensor Algebra and Tensor Analysis for Engineering Students II	1.0	BE	N	6.00	2021-04-22	20W
<b>Nonlinear Structural Mechanics</b>	<b>1.0</b>		<b>N</b>	<b>5.00</b>	<b>2019-08-07</b>	
Nonlinear Structural Mechanics	1.0	BE	N	5.00	2019-08-07	19S
<b>Practical Introduction to FEM-Software I</b>	<b>1.7</b>		<b>N</b>	<b>5.00</b>	<b>2021-03-30</b>	
Practical Introduction to FEM-Software I	1.7	BE	N	5.00	2021-03-30	20W
<b>Seminar Computer-based Mathematical Modeling</b>	<b>B</b>		<b>N</b>	<b>3.00</b>	<b>2021-09-04</b>	
Computational and Mathematical Modeling Seminar	B	BE	N	3.00	2021-09-04	21S

Final thesis	Grade	An	Rec	CP	Date	Sem
<b>Master Thesis</b>	<b>B</b>	<b>M</b>	<b>N</b>	<b>30.00</b>	<b>2023-10-30</b>	<b>23W</b>
Topic: Deep Unfolding of Wirtinger Flow type Schemes						

**Overall Credits: 122.00 / 120.00**

**Overall Grade: 1.9**

**This certification shall not be used for the registration at another university; completed studies are documented in another way.**

#### Explanations:

(!) Invalidated assessment = This assessment has been invalidated and will not be counted

Grades: 1,0 - 1,5 = very good / 1,6 - 2,5 = good / 2,6 - 3,5 = satisfactory / 3,6 - 4,0 = sufficient / 5,0 = failed / B = passed / Q = no assessment

An = Annotation / Rec = recognized examination/data transfer from older version of examination regulations / Master's assessments completed in the Bachelor's course of study (J/N/T = yes/no/partial) / CP = Credit Points / Sem = semester: \_\_ W = winter semester / \_\_ S = summer semester

Annotations: AN = currently active registrations, BE = passed, NB = failed, X = absent/failed, PA = exam aborted, U = cheating, Q = medical certificate, NZ = not admitted, A = examination annulled, PAQ = exam aborted (medical certificate), R = approved withdrawal, S = cancellation, TS = technical issues, M = passed with a grade of at least sufficient, G/GA/GL = deleted grade, E = replaced, NU = not taken, TR = return of thesis topic, NA = not submitted

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