

المملكة العربية السعودية وزارة التعليم جامعة الحدود الشمالية

CURRICULUM VITAE

Ridha Selmi Full Professor

Mathematics/ Partial Differential Equations/ Fluid mechanics and related topics

Personal Data

Ridha Selmi Tunisian ridhaselmii@gmail.com Ridha.selmi@nbu.edu.sa Department of Mathematics, College of Science Northern Border University



Education

Degree	University
Bachelor degree in mathematics	University of Tunis El Manar -Tunisia
M. Sc in applied mathematics	University of Tunis El Manar -Tunisia
PhD in mathematics	University of Tunis El Manar- Tunisia

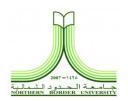
Professional Experience

Employment Status	Institution and Address
High school mathematics teacher	Ministry of Education-Tunisia
Contractual Lecturer	University of Tunis ElManar-Tunisia
Permanent Lecturer	University of Tunis ElManar-Tunisia
Assistant Professor	University of Gabes-Tunisia
Associate Professor	University of Gabes-Tunisia
Associate Professor	Northern Border University - KSA
Full Professor	Northern Border University - KSA

Foreign Language Skills

	Foreign Language	Level		
		Medium	Good	V. Good
1	English			✓
2	French			✓
3	Spanish	✓		
4	Italian	✓		

Kingdom of Saudi Arabia Ministry of Education Northern Border University



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Scientific Activities

1/ Follow the following links for scientific publications

https://scholar.google.com/citations?user=SjeTXoAAAAAJ&hl=en https://www.researchgate.net/profile/Ridha-Selmi/research

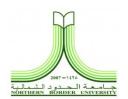
- 2/ More than 12 accomplished scientific projects.
- 3/ One ongoing scientific project: Adsorption and Environment by Pr. Safwat Mahmoud, Dr. Abdelaziz Al-Enazi, **Pr. Ridha Selmi** Dr. Salah Knani, Pr. Guilherme Luiz Dotto, Pr. Alessandro Erto
- 4/ I supervised 03 PhD students and 03 Master students.
- 5/I examined various PhD thesis, Master thesis, Promotion folders to the rank of Associate Professor, Scientific papers for many prestigious scientific journals.
- 6/ I attended various conferences; some of them are listed below

No	Conference	Date &Place	Type of Involvement
1	The 12th International ISAAC	Aveiro, Portugal , 29 July-02	Original paper published in the proceeding of the
	Congress	August, 2019	conference
2	Conference on Stochastic and PDE	Paris, France, September 15-	Participant
	Methods in Mathematical Physics	17 th , 2014	
3	The Second School of Fluid Mechanic,	Lyon, France , July 15-24th, 2010	Participant
4	International Mathematical Congress	Hyderabad, India, August 19-	Participant
	(ICM 2010)	27th, 2010.	
5	PDEs and Related Topics, a Satellite	Bangalore, India, August 13-	Participant
	Conference of the ICM 2010	18th, 2010	
6	The 7th International ISAAC Congress	London, United Kingdom, 13-18	Original paper published in the proceeding of the
		July, 2009	conference / Speaker
8	Evolution Equations and Dynamical	Hammamet, Tunisia, March 23-	Participant
	Systems	27th, 2009	
9	The First Franco-Tunisian Symposium	Djerba, Tunisia , March 16-20th,	Participant
	of Mathematics,	2009	
10	Franco-	Hammamet, Tunisia, Marsh 25-	Speaker
	Tunisian conference on PDEs and	28th, 2008	
	applications		
11	The 7th International ISAAC Congress	Ankara, Turkey, 13-18 August,	Original paper published in the proceeding of the
		2007	conference / Speaker
12	Mathematics for peace and	Madrid, Córdoba, Spain, July 17-	Participant
	development, a Satellite Conference of	22th, 2006	
	ICM 2006,		
13	RAMA 5	Msila, Algeria , April 10-12th,	Speaker
		2006	

7/ I am member of the following professional and scientific societies.

1-	International Society of Analysis its Application and Computation" (ISAAC), Berlin, Germany, http://www.isaacmath.org/home/
2-	Tunisian Mathematical Society (TMS), Tunisia, http://www.tms.rnu.tn/en/
3-	Tunisian Association of Didactic Research (ATURED), Tunisia, http://www.atured.org.tn/
4-	Tunisian Association of Mathematical Didactic (ATDM), Tunisia, http://atdm-tn.org/
5-	Laboratory of partial differential equations and applications/ http://www.utm.rnu.tn/visirech/Fr/utm/fst/edp/, 2004-Now,
	University of Tunis Elmanar, Tunisia

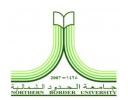
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 $8/\ Some\ trainings,$ workshops and scientific participations are the following.

Title	Category	Name & Addresses of Awarding Organization
Professionalism in using virtual	Online teaching and learning	Northern Border University/ Deanship of E-
classrooms (creative teaching practices)		learning and Distance Education, KSA
Saudi Global Ranking (SGR)	Quality assurance and academic	Northern Border University/ Vice Presidency o
For higher education institutions	accreditation	Graduated Studies and Scientific Research,
To inglier education institutions		KSA
Roadmap to prepare the "National	Quality assurance and academic	Northern Border University/ Deanship of
Commission for Academic Accreditation	accreditation	Quality and Accreditation, KSA
and Assessment" visit for the		
programmatic accreditation of the		
mathematics program		
Technical procedures to overcome	Online teaching and learning	Northern Border University/ Deanship of E-
difficulties faced during electronic exams	g	learning and Distance Education, KSA
Web of Science (WoS) components,	Scientific research	Northern Border University/ Deanship of
databases and journals' impact factor IF	Scientific research	Scientific Research, KSA
Scientific research ethics	Scientific research	Northern Border University/ Deanship of
Scientific research ethics	Scientific research	Scientific Research, KSA
Using modern teaching strategies	Teaching and learning strategies	Northern Border University/ Deanship of
Osing modern teaching strategies	reaching and learning strategies	University Educational Development, KSA
Research and innovation for food and	Scientific research	Saudi Ministry of Education/ Deputyship of
environment security	Scientific research	
environment security		Research and Innovation-Ministry of
Designation and accomplished to a consequent	Overlike a service and a sed online	Education, KSA
Designing and measuring the program	Quality assurance and academic accreditation	Northern Border University/ and the Deanship
learning outcomes in accordance with the	accreditation	of Quality and Accreditation, KSA
Saudi qualification framework		
Key performance indicator (KPIs),	Quality assurance and academic	Northern Border University/ Deanship of
benchmarking and elaborating self study	accreditation	Quality and Accreditation, KSA
report (SSR)		
Writing and designing the program/ the	Quality assurance and academic	Northern Border University/ Deanship of
course / the field trainings' specifications	accreditation	Quality and Accreditation, KSA
and reports		
Four intensive sessions about using	Online teaching and learning	Northern Border University/ Deanship of E-
Blackboard LMS in teaching		learning and Distance Education, KSA
Using brain research in teaching and	Teaching and learning strategies	Northern Border University / Deanship of
learning at universities		University Educational Development, KSA
The role of researchers in distinguished	Scientific research	Northern Border University/ Deanship of
scientific publications		Scientific Research, KSA
03 months scientific mobility	Awards and Honors / Scientific research	Granted by the Erasmus Mundus Project,
		University of Vigo, Spain
02 weeks scientific mobility	Awards and Honors / Scientific research	Granted by the Higher Education Ministry of
		France, University of Lyon 1, France
Winter school "Documentation and e-	Community services	Granted by the University Paris 11, France
Documentation in Universities'		
Libraries"		
10 months Postdoctoral study	Awards and Honors/ Scientific research	Granted by the Erasmus Mundus Project,
		University of Cadiz, Spain
Conference "E-learning Africa"	Awards and Honors/ E-Learning	Granted by E-Learning Africa global network
2		(https://www.elearning-africa.com/) Dakar,
		Senegal
E-learning 02 months intensive training	Awards and Honors/ E-Learning	Granted by the Audiovisual AVnet Center of
<i>6</i> · · · · · · · · · · · · · · · · · · ·		Katholieke Universiteit Leuven, Belgium
1 month scientific mobility	Awards and Honors / Scientific research	Granted by the Higher Education Ministry of
1 monut scientific months		
1 month scientific moonity		France, University of Paris 11, France
Training about Ethics and	Teaching and learning	France, University of Paris 11, France Ministry of Higher Education and Scientific



Teaching activities

No	Courses taught	Undergraduate	Graduate
	Advanced partial differential equations		✓
	Theory of distributions	✓	
	Measure theory and Probability theory	✓	
	Hilbert analysis	✓	
	Graduate project in mathematics	✓	
	Numerical analysis	✓	
	Laplace and Fourier transform	✓	
	Partial differential equations	✓	
	Ordinary differential equations	✓	
	Reel analysis 1	✓	
	Reel analysis 2	✓	
	Mathematical modeling	✓	
	Foundation of mathematics	✓	
	Linear algebra 1 and 2	✓	
	Calculus 1, 2 and 3	✓	
	Mathematics 3 and 4 for engineering	√	
	Statistics and Probability	✓	
	Mathematics for medicine and health track	√	

Committees

1	Quality and academic accreditation committee, department of
	mathematics / Chairman for 5 years and member for 4 years
3	Curriculum committee, department of mathematics / Member
4	Alumni committee, college of science / Chairman
5	Executive committee for quality and academic accreditation,
	college of science / Member
6	Scientific research and graduate studies committee, department
	of mathematics, Northern Border University / Member
7	Redaction committee of the self study report for the
	mathematics program accreditation, department of mathematics,
	Northern Border University / Member
8	Academic affairs committee, College of Science, Northern
	Border University/ Member
9	Operation plan follow-up committee, college of sciences /
	Member
10	The department council, department of mathematics
11	Scientific and academic board of the University/ Elected
	member
12	The LMD implementation committee (Bologna process)
13	Committee of master study program
14	Committee of PhD study program
15	College council