



Nadine Bejjani

CONTACT

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LANGUAGES

Fluent in Arabic, English & French

COMPUTER SKILLS

C++, Matlab, Maple
Microsoft Office

SKILL HIGHLIGHTS

- Project Management & Organization
- Analysis & Problem Solving
- Critical thinking
- Research & Information management
- Effective time management & ability to meet strict deadlines

SCIENTIFIC INTERESTS

- Numerical Modeling
- Numerical Analysis
- Partial Differential Equations
- Numerical Optimization
- Asymptotic Expansion Method
- Structural Dynamics

HOBBIES

- Reading
- Travel
- Photography
- Music
- Cinema

EDUCATION

- **Faculty of Science, Saint-Joseph University - Lebanon and Ecole Nationale Des Ponts et Chaussées, Paris-Est University - France** **2015-2019**
PhD in Applied Mathematics
- **Saint Joseph University - Lebanon** **2013-2015**
Master's Degree in Analysis and Probability of Partial and Differential Equation
- **Saint Joseph University - Lebanon** **2010-2013**
Bachelor's Degree in Mathematics

EXPERIENCE

Co-supervision of a doctoral thesis – January 2020-present

Faculty of Science, Saint Joseph University - Lebanon

- Hold regular supervision meetings to discuss the project development
- Provide guidance to the student on planning research and identifying relevant literature for the topic
- Provide informative feedback and constructive criticism on work in progress to ensure that the candidate is on the right track
- Assist the student to resolve problems and suggest alternatives

Instructor – 2017-2018 (February-June)

Faculty of Science, Saint Joseph University - Lebanon

- Numerical Analysis: exercises and practical sessions with Matlab

Instructional Strategist – 2015 (July-December)

International Arab Baccalaureate (IAB) - Lebanon

- Design of new curriculum documents for school systems
- Implementation of creative and innovative mathematics teaching strategies
- Development of flexible and creative pedagogical sequences

Intern Teacher – 2013 (April-June)

Soeurs de la Charité School (Ashrafiyeh) - Lebanon

- Incorporation of different learning techniques and methods.
- Classroom management.

PUBLICATIONS

- **Nadine Bejjani, Karam Sab, Joanna Bodgi, Arthur Lebée.** "The Bending-Gradient Theory for Thick Plates: Existence and Uniqueness Results". Journal of Elasticity, 2018.
- **Nadine Bejjani, Pierre Margerit, Karam Sab, Joanna Bodgi, Arthur Lebée.** "The Bending-Gradient Theory for flexural wave propagation in composite plates". International Journal of Solids and Structures, 2019.
- **Nadine Bejjani, Karam Sab, Joanna Bodgi, Pierre Margerit, Arthur Lebée.** "On Asymptotic Expansions for modelling wave propagation in composite plates", 2020 (Submitted).

REFERENCES

- **Pr. Karam Sab**, Professor at Ecole des Ponts ParisTech, Paris-Est University - France
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- **Dr Arthur Lebee**, Doctor at Ecole des Ponts ParisTech, Paris-Est University - France
Tel: +33 1 64 15 34 77, Email: arthur.lebee@enpc.fr
- **Dr Joanna Bodgi**, Doctor at Faculty of Science, Saint-Joseph University - Lebanon
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