



الجمهورية الجزائرية
الديمقراطية الشعبية
وزارة التعليم العالي و البحث
العلمي
جامعة عباس لغرور - خنشلة -
كلية العلوم والتكنولوجيا

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التخصص الدقيق:..... معادلات تفاضلية جزئية

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2- المؤهلات العلمية:

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3- الخبرات الميدانية:

3.1. (التدرج الوظيفي):

- 3.1.1 من 1985-1988م: استاذ مساعد
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3.2. (الخبرات العلمية والإدارية):

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- 3.2.2 من 2025-اليوم مدير مخبر الرياضيات و الذكاء الاصطناعي
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- 3.2.7 من 2010-2012م رئيس لجنة الدراسات العليا قسم الرياضيات-جامعة القصيم

- 3.2.8 من 2005-2010م اليوم عضو المجلس العلمي الوطني الجزائري.
- 3.2.9 من 1996-1998م عضو المجلس التدريسي الوطني الجزائري.
- 3.2.10 من 2009 إلى اليوم عضو تحرير عدة مجلات علمية مختصة في الرياضيات.
- 3.2.11 من 2010-2012م رئيس لجنة الدراسات العليا قسم الرياضيات-جامعة القصيم-المملكة العربية السعودية.

4- **الخبرات التدريسية:** تحليل دالي - تحليل عددي - تحليل مركب - معادلات تفاضلية - معادلات تفاضلية جزئية - التفاضل والتكامل - جبر.

- 4- **المجالات البحثية:** معادلات تفاضلية جزئية + جبر.
- 5- **المنشورات العلمية**

1. A. Bessam, **S.Kouachi** and L. Djebara, Stability Analysis and Turing Instability of an epidemic reaction-diffusion model with vaccination, two aware classes and saturated treatment, accepted for publication in Bulletin of Mathematical Analysis and Applications (2026).
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4. S. Dhuli, **S. Kouachi**, A. K. Sah and S. Werner, Analysis of Exponential Correlation Matrices for Massive MIMO Systems, IEEE Communications Letters, doi: 10.1109/LCOMM.2025.3561089, (2025).
5. I. Nasrallah, R. Aouafi and **S. Kouachi**, Four Different Ulam-Type Stability for Implicit Second-Order Fractional Integro-Differential Equation with M-Point Boundary Conditions, Mathematics (2025), 13, 157.
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8. R. Aouafi, A. Zaidi, **S. Kouachi** and R. D. Parshad, A remark on “Dynamical behaviour of a fractional three-species food chain model” [Nonlinear Dynamics, 95, February 2019]. Nonlinear Dyn. **111**, 13641–13651 (2023).
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