ABRAR BROOM

MATH LECTURER

Location:
Jeddah – Saudi Arabia
Mobile:
0555820317
Email:
Abrarbroom1992@gmail.com
Citizenship:
Yemeni

LANGUAGES

Arabic
English

PROFESSIONAL SKILLS

Data analysis Skills:
- SQL & Databases
- Python
- Machine Learning

Technical skills:
- Excel/Word/PowerPoint.
- Matlab and Maple.
- LATEX.

PERSONAL SKILLS

Problem solving:
- Able to deal with problems efficiently by asking appropriate questions to get the root of the problem as known in the mathematical problems.

Public speaking:
- Able to introduce a comfortable presenting in front of small or large groups.
- Ability to Improvise in speaking confidently and loudly.

Communication:
- Proven ability to convey information to another effectively and efficiently.
- Excellent presentation skills.

Team work:
- Highly cooperative with excellent time management.

- Master graduate of Mathematics with successful track record of academic brilliance.
- Strong research knowledge in the fractional differential equations field with five published papers in journals of international repute.
- Energetic, ambitious, and hardworking person eager to start a challenging role and grow professionally.

EDUCATION

M.Sc in Mathematics, Sep 2016 – May 2020
King Abdullaziz university, Jeddah, Saudi Arabia.
GPA: 4.72/5,

B.Sc in Mathematics, Jan 2011 – May 2014
Taif university, Taif, Saudi Arabia.
GPA: 3.97/4.

PUBLICATIONS

1. Ahmad, B., Broom, A., Alsaedi, A., Ntouyas, S. K. Nonlinear integro-differential equations involving mixed right and left fractional derivatives and integrals with nonlocal boundary data. Mathematics, 2020, 8(3), 336. (Q1, Impact Factor: 1.105).
2. K Ntouyas, S., Broom, A., Alsaedi, A., Saeed, T., Ahmad, B. Existence Results for a Nonlocal Coupled System of Differential Equations Involving Mixed Right and Left Fractional Derivatives and Integrals. Symmetry, 2020, 12(4), 578. (Q2, Impact Factor: 2.143).
3. Alsaedi, A., Broom, A., Ntouyas, S. K., Ahmad, B. Nonlocal Fractional Boundary Value Problems Involving Mixed Right and Left Fractional Derivatives and Integrals. Axioms, 2020, 9(2), 50. (CITESCORE-SCOPUS: 0.99, SCI-E).
4. Alsaedi, A., Broom, A., Ntouyas, S. K., Ahmad, B. Existence Results and Dimension of the Solution Set for a Nonlocal Inclusions Problem with Mixed Fractional Derivatives and Integrals. Journal of Nonlinear Functional Analysis, Vol. 2020 (2020), Article ID 28, pp. 1-15. (CITESCORE-SCOPUS: 0.82, SCI-E).
5. Ahmad, B., Agarwal, R. P., Broom, A., Alsaedi, A. On a Coupled Integro-Differential System Involving Mixed Fractional Derivatives and Integrals of Different orders. Acta Mathematica Scientia 41.4 (2021): 1366-1384. (Q2, Impact Factor: 0.992).

DISTINCTIONS

- Top-ranked student on the science colleges at Taif University, 2014.
- Selected asthemost distinguished student in the Mathematics department, 2013.
- Fourth ranking in scientific forum at Taif university in the scientific research track, 2014.
- Excellence certificate as a recognition of excellent academic performance in MSc, 2018.

WORK EXPERIENCE

- **Math lecturer, Prince Sultan University (Part time), Sep 2022-Present**
Helped in teaching Math001 in Preparatory year program(PYP) for 2 sections by weekly 8 hours.
- *Online Math tutor, Modarby Platform, Jan 2021-Aug 2022*
Helped more than 50 students by 150+ online teaching hours on Modarby platform for all higher education levels to achieve the best performance in the Math and Statistics courses.
- *Private Math tutor(Freelancing Job), 2014-2016*
Assisted struggling studentsindividually at home and help themto improve their grades.

Certifications

Participated in **''One Million Arab Coders Initiative''** in Data analysistrack from Aug 2018 to Oct 2018.