



Lernik Asserian

Senior Lecturer of Mathematics

Bio

ACADEMIC APPOINTMENTS

- Senior Lecturer, Mathematics

Teaching

COURSES

2025-26

- Differential Equations with Linear Algebra, Fourier Methods, and Modern Applications: MATH 53 (Spr)
- Mathematical Foundations for University Success: Building Strength for Calculus and Beyond: UAR 45MA (Aut)
- Partial Differential Equations: MATH 131P (Win)
- Senior Exploration and Synthesis: MATH 195 (Aut, Win)

2024-25

- Applied Matrix Theory: MATH 104 (Spr)
- Differential Equations with Linear Algebra, Fourier Methods, and Modern Applications: MATH 53 (Spr)
- Foundations for Calculus: MATH 18 (Aut)
- Partial Differential Equations: MATH 131P (Win)
- Preparation for Success in Mathematics at Stanford: SOAR 10MA (Aut)

2023-24

- Differential Equations with Linear Algebra, Fourier Methods, and Modern Applications: MATH 53 (Spr)
- Foundations for Calculus: MATH 18 (Aut)
- Partial Differential Equations: MATH 131P (Win)
- Preparation for Success in Mathematics at Stanford: SOAR 10MA (Aut)
- Proofs and Modern Mathematics: MATH 56 (Win)

2022-23

- Calculus: MATH 19 (Aut)
- Calculus: MATH 20 (Win)
- Calculus, ACE: MATH 19ACE (Aut)
- Calculus, ACE: MATH 20ACE (Win)
- Differential Equations with Linear Algebra, Fourier Methods, and Modern Applications: MATH 53 (Spr)

- Foundations for Calculus: MATH 18 (Aut)
- Preparation for Success in Mathematics at Stanford: SOAR 10MA (Aut)

Publications

PUBLICATIONS

- **Computation of nonparametric, mixed effects, maximum likelihood, biosensor data based-estimators for the distributions of random parameters in an abstract parabolic model for the transdermal transport of alcohol.** *Mathematical biosciences and engineering : MBE*
Asserian, L., Luczak, S. E., Rosen, I. G.
2023; 20 (11): 20345-20377