



JOHNS HOPKINS  
UNIVERSITY

Nov 3, 2025

## Olzhas Azirali

has successfully completed

### Linear Algebra: Matrix Algebra, Determinants, & Eigenvalues

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

A handwritten signature in black ink.

Joseph W. Cutrone, PhD  
Associate Teaching Professor and Director of Online Programs

## COURSE CERTIFICATE



Verify at:  
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Coursera has confirmed the identity of this individual and  
their participation in the course.