



JOHNS HOPKINS  
UNIVERSITY

Nov 3, 2025

Olzhas Azirali

has successfully completed

Linear Algebra: Matrix Algebra, Determinants, &  
Eigenvectors

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

A handwritten signature in black ink, appearing to read "J. Cutrone".

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

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/IU0EJET96D2J>

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