



JOHNS HOPKINS  
UNIVERSITY

Nov 4, 2025

Olzhas Azirali

has successfully completed

Linear Algebra: Orthogonality and Diagonalization

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/4PYQKLV3APM9>

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