



THE UNIVERSITY OF  
**CHICAGO**

THE COMMITTEE ON  
COMPUTATIONAL AND  
APPLIED MATHEMATICS

## Computational and Applied Mathematics Colloquium

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School of Mathematical Sciences  
Tel Aviv University

“On approximation and representation  
of manifold-valued functions”

THURSDAY, October 26, 2023, at 4:00PM  
Jones 303, 5747 S. Ellis Ave. Chicago, IL 60637

### ABSTRACT

Recent years have led to many developments in approximating manifolds and manifold-valued objects. This talk will review some of our recent work on manifold-valued approximation via refinement and quasi-interpolation operators and their close connection to multiscale transforms.

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