

## **Arveson's Hyperrigidity Conjecture: Partial results and a new counterexample**

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The talk is about the hyperrigidity of operator systems. Despite being disproven by Bilich and Dor-On, Arveson's hyperrigidity conjecture remains open in the case of operator systems in commutative  $C^*$ -algebras.

We will present new results on the hyperrigidity of the operator system given by the continuous affine functions on compact convex subsets in  $\mathbb{R}^2$ . Additionally, we present a finite-dimensional operator system in a noncommutative  $C^*$ -algebra that contradicts Arveson's conjecture.