PHYSICS & ASTRONOMY SEMINAR

"A Generalization of the Determinant Map"

Presented by:
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Abstract: The determinant of a square matrix plays an important role in several areas of mathematics. In this talk I will introduce a function that behaves a lot like the determinant, but it is defined for matrices of dimension 2 times 6. I will give some of its properties and present a geometrical application. If time permits, I will also discuss a more general construction. The presentation will be elementary and can be followed by anybody with minimal linear algebra background. This is joint work with Ana Lorena Gherman, Jacob Van Grinsven, Steven Lippold, and Alin Stancu.

Thursday, April 8, 2021
4:00 pm
PSLB 112

Zoom link: https://bgsu-edu.zoom.us/j/85391039005?pwd=RTV2Q0wxUjVXYWdtSnJLSTJYWFYxUT09