

Pontificia Universidad Católica del Perú
Escuela de Posgrado & Sección Matemáticas



Seminario de Matemática (virtual)

Rotational Surfaces with Second Fundamental Form of Constant Length

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Abstract: I will present a classification of rotational surfaces in three-dimensional Euclidean space whose second fundamental form has constant length equal to one at every point. This defines a class of non-linear Weingarten surfaces. The tools used to obtain the classification involve classical differential geometry and ordinary differential equations.

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Transmisión en vivo vía Zoom

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