Seminário de Geometria

Rigidity Theorems for Minimal Submanifolds in a Hiperbolic Space

Palestrante: Adriano Cavalcante Bezerra

Data: 29/11 (quarta-feira)
Horário: 10h30
Local: Sala ASS 421/10 (Subsolo do MAT)

Abstract.

Let M be a complete immersed minimal hypersurface in a hyperbolic space. In this presentation we establish conditions on the first eigenvalue of the stability and super stability operators and the L^{d} norm of the length of the second fundamental form of M to imply that M is totally geodesic. Similar results for minimal submanifolds in a hyperbolic space are also proven.