



Geometry Webinar AmSur/AmSul

A diameter gap for isometric quotients of the unit sphere.

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25/03/2022 - sexta-feira

14:00 - Online

Resumo: We will explain our proof of the existence of $\epsilon > 0$ such that every quotient of the unit sphere S_n ($n \geq 2$) by a isometric group action has diameter zero or at least ϵ . The novelty is the independence of ϵ from n . The classification of finite simple groups is used in the proof. (Joint work with C. Lange, A. Lytchak and R. A. E. Mendes.)