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Título: Potential Wadge Classes

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Sinopsis

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Let G be a Borel class, or a Wadge class of Borel sets, and $2 = d = ?$ be a cardinal. A Borel subset B of R^d is potentially in G if there is a finer Polish topology on R such that B is in G when R^d is equipped with the new product topology. The author provides a way to recognize the sets potentially in G and applies this to the classes of graphs (oriented or not), quasi-orders and partial orders.

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