A Small, Unruly Radon-Nikodym Compact Space from a Diamond

In 2013 A.Aviles and P.Koszmider solved a long-standing problem concerning continuous images of Radon-Nikodým compact spaces.

Together with Arturo Martinez-Celis we took a closer look at one of their constructions and pushed it to its limits. Using parametrized $\diamondsuit$-principles of Moore, Hrušák and Džamonja we construct an RN-compact space with a continuous image which is not RN-compact, while keeping the weight low.

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