SEPARATING RANK-INTO-RANK AXIOMS THROUGH THEIR DESCRIPTIVE CONSEQUENCES

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ABSTRACT. In my talk, I want to present results from an ongoing project with Vincenzo Dimonte (Udine) that show that very strong large cardinal axioms can be distinguished through their provable influence on the structural properties of simply definable subsets of generalized Baire spaces. These results deal with sets defined by Σ_1-formulas with different sets of parameters and generalizations of the Perfect Set Property to higher function spaces.