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A Fubini theorem

Let $\mathcal{I}_0$ be the σ-ideal of subsets of a Polish group generated by Borel sets which have perfectly many pairwise disjoint translates. I will present a Fubini-type theorem that holds between $\mathcal{I}_0$ and the σ-ideals of Haar measure zero sets and of meager sets. I will show how to use this result to give a simple proof of a generalization of a theorem of Balcerzak–Roslanowski–Shelah stating that $\mathcal{I}_0$ on $2^{\mathbb{N}}$ strongly violates the countable chain condition.