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*On totally separable packings*

A packing by translates of a convex body in Euclidean d-space is called a totally separable packing in short, a TS-packing if any two members of the packing can be separated by a hyperplane which is disjoint from the interior of every member of the packing. TS-packings form a fundamental subfamily of the translative packings in Euclidean d-space. So, it is natural to ask: What do we know about them? The talk surveys the relevant (recent) results.