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Disjointness preserving operators on function spaces

An operator mapping between spaces of (vector-valued) functions is said to be *disjointness preserving* if it maps any pair of disjoint functions to disjoint functions. A bijection T so that both T and T^{-1} are disjointness preserving is said to be *biseparating*. In this talk, I will present results on characterizing disjointness preserving and biseparating linear operators, mainly for maps between spaces of differentiable functions.