## $Maps \ on \ matrix \ and \ operator \ algebras \\ {\rm Peter \ Semrl^1 < peter.semrl@fmf.uni-lj.si>}$

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Some recently obtained structural results for maps on matrix and operator algebras (or their subsets) having certain algebraic or preserving properties will be presented. For example, we will consider maps on the set of idempotent matrices or operators preserving usual partial order or orthogonality. Connections with physics and geometry will be discussed.

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