The effect of dimensionality on the stability in the Brunn-Minkowski inequality: A blessing or a curse? *Ronen Eldan Tel Aviv University*

A joint work with Bo'az Klartag

We prove stability estimates for the Brunn-Minkowski inequality for convex sets. Unlike existing stability results, our estimates improve as the dimension grows. In particular, we obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain a non-trivial conclusion in high dimensions already when $\$ obtain the proof of the central limit theorem for convex sets.