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**'a reciprocity principle for constrained isoperimetric**

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**'convex set**

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June 2nd, 2020 - the convex hull operation is needed for the set of convex sets to form a lattice in which the join operation is the convex hull of the union of two convex sets  $\text{conv } s \cup \text{conv } t = \text{conv } (s \cup t)$  the intersection of any collection of convex sets is itself convex so the convex subsets of a real or plex vector space form a plete lattice'

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