

Artstein-Avidan @ Coxeter: Abstract duality, the Legendre transform and a new duality transform

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$$(e^{-\Psi} + e^{-\Psi})(x) = \sup_y e^{-\Psi(y)} e^{-\Psi(x-y)}$$

Brunn-Minkowski: For convex  $K$  &  $T$ ,

$$\text{Vol}(\lambda K + (1-\lambda)T) \geq \text{Vol}(K)^\lambda \text{Vol}(T)^{1-\lambda}$$