Mittwoch, 10. November 2021

20.23

$$\|(x * y)\|_{1} = \sqrt{\sum_{k \in \Omega} |(x * y)(k)|}$$

$$\Omega = \mathbb{Z} \sum_{k \in \mathbb{Z}} |\sum_{k \in \mathbb{Z}} x(e) \cdot y(k-e)|$$

$$\leq \sum_{k \in \mathbb{Z}} |\sum_{k \in \mathbb{Z}} x(e) \cdot y(k-e)|$$

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$$= \sum_{k \in \mathbb{Z}} |x(e) \cdot y(k)|$$

$$= \sum_{k$$