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MR1287232 (95d:47061)**[Oertel, Frank](#)** ([D-KSRL-IM](#))**Operator ideals and the principle of local reflexivity.***Acta Univ. Carolin. Math. Phys.* **33** (1992), *no. 2*, 115–120.[47D50](#) ([46B07](#) [46B28](#))[Journal](#)[Article](#)[Doc
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Let $(\mathcal{A}, \|\cdot\|_{\mathcal{A}})$ denote a p -Banach ideal with $0 < p \leq 1$ fixed, and let $(\mathcal{A}^*, \|\cdot\|_*)$ and $(\mathcal{A}^{\Delta}, \|\cdot\|_{\Delta})$ be its adjoint ideal, and conjugate ideal, respectively. The author introduces the weak (\mathcal{A}) -local reflexivity principle and proves that this is equivalent to the left-accessibility of $(\mathcal{A}^{\Delta}, \|\cdot\|_{\Delta})$ and also equivalent to $\mathcal{A}^{**}(M, F)$ and $\mathcal{A}(M, F)''$, being isometrically isomorphic for all Banach spaces F and finite-dimensional spaces M . It is then possible for the author to transfer the principle of local reflexivity from the canonical operator norm to p -Banach ideal norms.

Reviewed by [Jan H. Fourie](#)

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