

IDEALS OF OPERATORS ON LORENTZ SPACES

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ABSTRACT. We will survey the results on classification of all norm-closed operator ideals on Banach lattices and present our recent results on the structure of norm-closed ideals of operators on Lorentz spaces $d(w, p)$. In particular, we will consider weakly compact, strictly, and finitely strictly singular operators, as well as operators that factor through ℓ_p .