THE UNBOUNDED COMMUTANT OF AN OPERATOR OF CLASS $C_0$

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Abstract. We describe the closed, densely defined linear transformations commuting with a given operator $T$ of class $C_0$ in terms of bounded operators in $\{T\}'$. Our results extend those of Sarason for operators with defect index 1, and Martin in the case of an arbitrary finite defect index.


Keywords and phrases: Closed linear transformation, commutant, defect index, minimal function, functional calculus.

REFERENCES