Operators
and
Matrices
Volume 11, Number 2 (2017), 347–354 doi:10.7153/oam-11-22

INVERTIBILITY ALONG AN OPERATOR

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Abstract. We study the inverse along an element in the case of the algebra of bounded linear operators on a Banach space and characterize it as an outer inverse with prescribed range and nullspace. This inverse generalizes the group, Drazin and Koliha-Drazin inverses.

Mathematics subject classification (2010): 15A09, 47A05.
Keywords and phrases: Generalized inverse, Drazin inverse, bounded linear operator.

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