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## Block matrices in Banach algebras and partial differential equations

### Communication Info

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- (1) regularity
- (2) Drazin-Riesz inverse
- (3) block matrices

### Abstract

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Our talk is based on [1], we discuss solutions of delay differential equations by mean of generalized Drazin-Riesz inverses which we apply to the context of an anti-diagonal block matrix in a Banach algebra that we use to solve a second order partial differential equation.

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