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An iterative method for the Cauchy problem for second-order elliptic equations

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Graphical Abstract

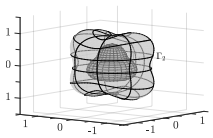
Let u be a solution to

$$Lu = 0 \quad \text{in } D$$

satisfying Cauchy data

$$u = f \quad \text{and} \quad Nu = g \quad \text{on } \Gamma_2.$$

Iterative method to find u.



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