

Discontinuous Galerkin Derivative Operators with Applications to Second Order Elliptic Problems and Stability

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A discontinuous Galerkin (DG) finite element interior calculus is used as

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1. Introduction

In this paper, we further develop t

$$-\Delta u = f \quad \text{in } \Omega, \quad (1a)$$

$$\frac{\partial u}{\partial n} = g \quad \text{on } \partial\Omega, \quad (1b)$$

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