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A 3D Hp-adaptive Discontinuous Galerkin Method For Modeling Earthquake Dynamics J. Tago,¹ V. M. Cruz-Atienza,¹ J. Virieux,² V. Etienne,³ And F. J. Sánchez-Sesma⁴ Received 15 March 2012; Revised 6 August 20 May 9th, 2024

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11 Which Often Is Set To Zero (the So-called Minimal Dissipation LDG Method,¹⁶). However, Here We Use The Value $C_{11} = 10 = h_{\min}$ Where h_{\min} Is The Height Of The Element, In Order To Provide Additional Nonlinear Stabilization. At A Boundary Face, We Impose The Appropriate Conditions Weakly Through The Uxes. II.B. Semi-discrete Equations Jan 13th, 2024

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