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A Least-Squares Finite Element Analysis For Diffraction ... A LEAST-SQUARES FINITE ELEMENT ANALYSIS FOR DIFFRACTION PROBLEMS* GANG BAOT AND HONGTAO YANG: Abstract. The Diffraction Of A Time Harmonic Wave Incident Upon A Grating (or Periodic) Structure Is Treated By A Least-squares Finite Element Method That Incorporates The Jump Conditions At Interfaces Into The Objective Functional. Feb 3th, 2024

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Cyrb,², Luke N. Olson A,³ A Department Of Computer Science, University Of Illinois, Urbana, IL 61801 B Sandia National Laboratory, Albuquerque, NM, 87185 Abstract The Poisson-Boltzmann Equation Is An Important Tool In Mode Ling ... Jan 1th, 2024. A DISCONTINUOUS VELOCITY LEAST SQUARES FINITE ELEMENT ...¹⁶ Discontinuous Least Squares Finite Element Methods Conventional C₀ Elements And The Velocity-vorticity-pressure (VVP) Form Of The Stokes Equations. The first Stage Relaxes The Continuity Of The Velocity field Only And Adds New Terms Which Penalize The Normal And The Tangential Jumps Of The Velocity Across The Element Inter- Jan 8th, 2024 A First-Order System Least-Squares Finite Element Method ... A First-Order System Least-Squares Finite Element Method For The Poisson-Boltzmann Equation STEPHEN D. BOND, JEHANZEB HAMEED CHAUDHRY, ERIC C. CYR,² LUKE N. OLSON ¹Department Of Computer Science, University Of Illinois, Urbana, Illinois 61801 ² Department Of Scalable Algorithms, Sandia National Laboratory, Albuquerque, New Mexico, 87185 Received 1 June 2009; Revised 18 August 2009; Accepted ... Apr 7th, 2024 ISSUES RELATED TO LEAST-SQUARES FINITE ELEMENT ¹. Introduction. Least-squares Finite Element Methods Have Always Held Out The Attraction Of Yielding Discrete Linear Systems That Are Symmetric And Positive Definite Even For Problems For Which Other Methods, E.g., Mixed Finite Element Methods, Fail To Do

So; See, E.g., [2][48], [50][56], [58], And [60][84]. In Many Settings Such As The Feb 1th, 2024.

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