

Matches: 28

Publications results for "Items authored by He, Ji Wen "

MR2770293 Reviewed Azencott, R.; Glowinski, R.; He, J.; Jajoo, A.; Li, Y.; Martynenko, A.; Hoppe, R. H. W.; Benzekry, S.; Little, S. H.; Zoghbi, W. A. Diffeomorphic matching and dynamic deformable surfaces in 3D medical imaging. *Comput. Methods Appl. Math.* 10 (2010), no. 3, 235–274. [65K10 \(49N45 68U10 92C55\)](#)

MR2404764 Reviewed Glowinski, Roland; Lions, Jacques-Louis; He, Jiwen Exact and approximate controllability for distributed parameter systems. A numerical approach. *Encyclopedia of Mathematics and its Applications*, 117. Cambridge University Press, Cambridge, 2008. xii+458 pp. ISBN: 978-0-521-88572-0 (Reviewer: Enrique Zuazua) [93-02 \(35K05 35L05 35Q30 65-02 93B05 93C20\)](#)

MR2343562 Reviewed He, Jiwen; Lozinski, Alexei; Rappaz, Jacques Accelerating the method of finite element patches using approximately harmonic functions. *C. R. Math. Acad. Sci. Paris* 345 (2007), no. 2, 107–112. [65N55 \(65N30\)](#)

MR2334093 Reviewed Glowinski, Roland; He, Jiwen; Lozinski, Alexei; Picasso, Marco; Rappaz, Jacques; Rezzonico, Vittoria; Wagner, Joël Finite element methods with patches and applications. *Domain decomposition methods in science and engineering XVI*, 77–89, *Lect. Notes Comput. Sci. Eng.*, 55, Springer, Berlin, 2007. (Reviewer: Gabriel Acosta) [65N30](#)

MR2324489 Reviewed Amundson, Neal R.; Caboussat, Alexandre; He, Jiwen; Landry, Chantal; Seinfeld, John H. A dynamic optimization problem related to organic aerosols. *C. R. Math. Acad. Sci. Paris* 344 (2007), no. 8, 519–522. [49N90 \(86A10 90C90 92B05\)](#)

MR2285336 Reviewed Amundson, N. R.; Caboussat, A.; He, J. W.; Seinfeld, J. H. Primal-dual interior-point method for an optimization problem related to the modeling of atmospheric organic aerosols. *J. Optim. Theory Appl.* 130 (2006), no. 3, 375–407. (Reviewer: Reinhard Redlinger) [90C90 \(65K10 80M50 86A10 90C51\)](#)

MR2268014 Reviewed Amundson, N. R.; Caboussat, A.; He, J. W.; Seinfeld, J. H.; Yoo, K. Y. Primal-dual active-set algorithm for chemical equilibrium problems related to the modeling of atmospheric inorganic aerosols. *J. Optim. Theory Appl.* 128 (2006), no. 3, 469–498. [90C30 \(86A10 90C90\)](#)

MR2195403 Reviewed Glowinski, Roland; He, Jiwen; Lozinski, Alexei; Rappaz, Jacques; Wagner, Joël Finite element approximation of multi-scale elliptic problems using patches of elements. *Numer. Math.* 101 (2005), no. 4, 663–687. (Reviewer: R. Kondnár) [65N30 \(65N12 65N55\)](#)

MR2141067 Indexed Amundson, Neal R.; Caboussat, Alexandre; He, Jiwen; Seinfeld, John H. An optimization problem related to the modeling of atmospheric organic aerosols. *C. R. Math. Acad. Sci. Paris* 340 (2005), no. 10, 765–768. [65K10 \(86A10\)](#)

MR2139277 Reviewed Amundson, Neal R.; Caboussat, Alexandre; He, Jiwen; Seinfeld, John H.; Yoo, Kee-Youn An optimization problem related to the modeling of atmospheric inorganic aerosols. *C. R. Math. Acad. Sci. Paris* 340 (2005), no. 9, 683–686. [90C90 \(49M29 65K10 86A10\)](#)

MR2022631 Reviewed Chen, Zhangxin; Glowinski, Roland; He, Jiwen Scientific computing in energy and environment. *Current trends in scientific computing* (Xi'an, 2002), 51–58, *Contemp. Math.*, **329**, Amer. Math. Soc., Providence, RI, 2003. [86-08 \(35K57 35K60 76S05 76T99\)](#)

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MR2020635 Reviewed Glowinski, R.; He, J. W. Dirichlet feedback control for the stabilization of the wave equation: a numerical approach. Optimization and control of distributed systems. *Systems Control Lett.* **48** (2003), no. 3-4, 177–190. (Reviewer: Bùi An Tôn) [93D15 \(93B52 93C20\)](#)

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MR2009952 Reviewed Glowinski, R.; He, J. W.; Lions, J. L. On the controllability of wave models with variable coefficients: a numerical investigation. Special issue in memory of Jacques-Louis Lions. *Comput. Appl. Math.* **21** (2002), no. **1**, 191–225. (Reviewer: Bùi An Tôn) [93B05 \(35L20 65M60\)](#)

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MR1803930 Reviewed He, J.-W.; Chevalier, M.; Glowinski, R.; Metcalfe, R.; Nordlander, A.; Periaux, J. Drag reduction by active control for flow past cylinders. *Computational mathematics driven by industrial problems* (Martina Franca, 1999), 287–363, *Lecture Notes in Math.*, **1739**, Springer, Berlin, 2000. [76D55 \(65M60 76D05 93C95\)](#)

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MR1797916 Reviewed Auchmuty, Giles; He, Jiwen An inequality for periodic functions and a quadratic imbedding result. *Numer. Funct. Anal. Optim.* **21** (2000), no. **7-8**, 781–789. [46E35 \(26D10\)](#)

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MR1682719 Reviewed He, J. W.; Glowinski, R.; Metacalfe, R.; Periaux, J. A numerical approach to the control and stabilization of advection-diffusion systems: application to viscous drag reduction. Flow control and optimization. *Int. J. Comput. Fluid Dyn.* **11** (1998), no. **1-2**, 131–156. [93C20 \(76M10 76Rxx 93B40\)](#)

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MR1648241 Indexed He, Ji Wen; Glowinski, Roland; Gorman, Michael; Périaux, Jacques Some results on the controllability and the stabilization of the Kuramoto-Sivashinsky equation. *Équations aux dérivées partielles et applications*, 571–590, Gauthier-Villars, Éd. Sci. Méd. Elsevier, Paris, 1998. [35Q30 \(93B05\)](#)

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MR1646758 Reviewed Glowinski, Roland; He, Jiwen On shape optimization and related issues. *Computational methods for optimal design and control* (Arlington, VA, 1997), 151–179, *Progr. Systems Control Theory*, **24**, Birkhäuser Boston, Boston, MA, 1998. (Reviewer: Sergey V. Nikitin) [49Q10 \(49N10\)](#)

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MR1189595 Reviewed [Dean, E. J.](#); [Dinh, Q. V.](#); [Glowinski, R.](#); [He, Jiwen](#); [Pan, T.-W.](#); [Périaux, J.](#). Least squares/domain imbedding methods for Neumann problems: applications to fluid dynamics. *Fifth International Symposium on Domain Decomposition Methods for Partial Differential Equations* (Norfolk, VA, 1991), 451–475, SIAM, Philadelphia, PA, 1992. [65N55 \(76M25 76N10\)](#)

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MR1145790 Reviewed [Atamian, C.](#); [Dinh, G. V.](#); [Glowinski, R.](#); [He, Jiwen](#); [Périaux, J.](#). On some imbedding methods applied to fluid dynamics and electromagnetics. Second World Congress on Computational Mechanics, Part III (Stuttgart, 1990). [Comput. Methods Appl. Mech. Engrg.](#) **91** (1991), no. 1-3, 1271–1299. (Reviewer: Rolf Rannacher) [76M25 \(65K10 65N30 65N55 78-08\)](#)

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