

Matches: 53

Publications results for "Items reviewed by Sabina de Lis, José C. "

MR3198624 Reviewed [Banasiak, Jacek](#); [Goswami, Amartya](#); [Shindin, Sergey](#) Singularly perturbed population models with reducible migration matrix: 2. Asymptotic analysis and numerical simulations. *Mediterr. J. Math.* **11** (2014), no. 2, 533–559. (Reviewer: José C. Sabina de Lis) [92D25](#) ([35B25](#))

MR3090648 Reviewed [Jüngel, Ansgar](#); [Stelzer, Ines Viktoria](#) Existence analysis of Maxwell-Stefan systems for multicomponent mixtures. *SIAM J. Math. Anal.* **45** (2013), no. 4, 2421–2440. (Reviewer: José C. Sabina de Lis) [35K59](#) ([35A01](#) [35B40](#) [35K20](#))

MR2959250 Reviewed [Kuto, Kousuke](#); [Yamada, Yoshio](#) On limit systems for some population models with cross-diffusion. *Discrete Contin. Dyn. Syst. Ser. B* **17** (2012), no. 8, 2745–2769. (Reviewer: José C. Sabina de Lis) [35J62](#) ([35B32](#) [35B45](#) [35K51](#) [35K57](#) [92D25](#))

MR2866937 Reviewed [Ni, Wei-Ming](#) The mathematics of diffusion. *CBMS-NSF Regional Conference Series in Applied Mathematics*, **82**. Society for Industrial and Applied Mathematics (SIAM), Philadelphia, PA, 2011. xii+110 pp. ISBN: 978-1-611971-96-5 (Reviewer: José C. Sabina de Lis) [35-02](#) ([35B25](#) [35C20](#) [35J57](#) [35K51](#) [35K57](#))

MR2779463 Reviewed [Dupaigne, Louis](#) Stable solutions of elliptic partial differential equations. *Chapman & Hall/CRC Monographs and Surveys in Pure and Applied Mathematics*, **143**. Chapman & Hall/CRC, Boca Raton, FL, 2011. xiv+321 pp. ISBN: 978-1-4200-6654-8 (Reviewer: José C. Sabina de Lis) [35-02](#) ([35B08](#) [35B32](#) [35B35](#) [35J91](#) [35J92](#))

MR2590382 Reviewed [Isselkou, Ould Ahmed Izid Bih](#) The Lane-Emden function and nonlinear eigenvalues problems. *Ann. Fac. Sci. Toulouse Math.* (6) **18** (2009), no. 4, 635–650. (Reviewer: José C. Sabina de Lis) [35J91](#) ([35B33](#) [35P30](#))

MR2439610 Reviewed [Bates, Peter W.](#); [Lu, Kening](#); [Zeng, Chongchun](#) Approximately invariant manifolds and global dynamics of spike states. *Invent. Math.* **174** (2008), no. 2, 355–433. (Reviewer: José C. Sabina de Lis) [37L25](#) ([35B25](#) [35B42](#) [35K57](#) [37L05](#))

MR2424533 Reviewed [Ávila, Andrés I.](#); [Brock, Friedemann](#) Asymptotics at infinity of solutions for p -Laplace equations in exterior domains. *Nonlinear Anal.* **69** (2008), no. 5-6, 1615–1628. (Reviewer: José C. Sabina de Lis) [35J60](#) ([35B40](#))

MR2385601 Reviewed [Chen, Fengde](#); [Shi, Jinlin](#) On a delayed nonautonomous ratio-dependent predator-prey model with Holling type

functional response and diffusion. [Appl. Math. Comput. 192 \(2007\), no. 2, 358–369.](#) (Reviewer: José C. Sabina de Lis) [34K13 \(34D05 92D25\)](#)

MR2324327 Reviewed [Xu, Ning](#); [Yin, Huicheng](#) The weighted $W^{2,p}$ estimate on the solution of the Gellerstedt equation in the upper half space. [J. Math. Anal. Appl. 332 \(2007\), no. 2, 1148–1164.](#) (Reviewer: José C. Sabina de Lis) [35B45 \(35C15 35J25 35J70\)](#)

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MR2097721 Reviewed [El-Sheikh, M. M. A.](#); [Mahrouf, S. A. A.](#) Stability and bifurcation of a simple food chain in a chemostat with removal rates. [Chaos Solitons Fractals 23 \(2005\), no. 4, 1475–1489.](#) (Reviewer: José C. Sabina de Lis) [34D20 \(34C23 92D25\)](#)

MR2110159 Reviewed [Elsken, Thomas](#) A reaction-diffusion equation on a net-shaped thin domain. [Studia Math. 165 \(2004\), no. 2, 159–199.](#) (Reviewer: José C. Sabina de Lis) [35K57 \(35B25 35B41\)](#)

MR2101652 Reviewed [Mauceri, Giancarlo](#) Spectral multipliers for the Ornstein-Uhlenbeck operator. (Italian) [Boll. Unione Mat. Ital. Sez. B Artic. Ric. Mat. \(8\) 7 \(2004\), no. 3, 563–591.](#) (Reviewer: José C. Sabina de Lis) [47A60 \(35-02 35J15 35P05 47F05\)](#)

MR2098291 Reviewed [Da Lio, Francesca](#) Remarks on the strong maximum principle for viscosity solutions to fully nonlinear parabolic equations. [Commun. Pure Appl. Anal. 3 \(2004\), no. 3, 395–415.](#) (Reviewer: José C. Sabina de Lis) [35K55 \(35B50 35K65 49L25 70H20\)](#)

MR2096370 Reviewed [Chamberland, Marc](#); [Llibre, Jaume](#); [Świrszcz, Grzegorz](#) Weakened Markus-Yamabe conditions for 2-dimensional global asymptotic stability. [Nonlinear Anal. 59 \(2004\), no. 6, 951–958.](#) (Reviewer: José C. Sabina de Lis) [34D23](#)

MR2093677 Reviewed [Zhang, Zheng Ce](#); [Li, Kai Tai](#) Structure of nonnegative nontrivial and positive solutions of singularly perturbed p -Laplace equations. [Appl. Math. Mech. \(English Ed.\) 25 \(2004\), no. 8, 929–936;](#) translated from [Appl. Math. Mech. 25 \(2004\), no. 8, 847–854](#)(Chinese) (Reviewer: José C. Sabina de Lis) [35J60 \(35B25 35B50 35J70\)](#)

MR2073942 Reviewed [Sandstede, Björn](#); [Scheel, Arnd](#) Evans function and blow-up methods in critical eigenvalue problems. [Discrete Contin. Dyn. Syst. 10 \(2004\), no. 4, 941–964.](#) (Reviewer: José C. Sabina de Lis) [35K57 \(35A08 35B10 35B35 35B40 35Q51 37C29\)](#)

MR2061125 Reviewed [Herzog, Gerd](#) The Dirichlet problem for quasimonotone systems of second order equations. [Rocky Mountain J. Math. 34 \(2004\), no. 1, 195–204.](#) (Reviewer: José C. Sabina de Lis) [34B15 \(34C12\)](#)

MR2060425 Reviewed [Teng, Zhidong](#); [Li, Zhiming](#); [Jiang, Haijun](#) Permanence

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MR2045415 Reviewed [Lucia, M.](#); [Prashanth, S.](#) Strong comparison principle for solutions of quasilinear equations. [Proc. Amer. Math. Soc. 132 \(2004\), no. 4](#), 1005–1011. (Reviewer: José C. Sabina de Lis) [35B50 \(35J60\)](#)

MR2037983 Reviewed [Castro, Alfonso](#); [Chhetri, Maya](#); [Shivaji, R.](#) Stability analysis of positive solutions to classes of reaction-diffusion systems. [Differential Integral Equations 17 \(2004\), no. 3-4](#), 391–406. (Reviewer: José C. Sabina de Lis) [35K57 \(35B35 35K50\)](#)

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MR2073740 Reviewed [Crandall, M. G.](#); [Świąch, A.](#) A note on generalized maximum principles for elliptic and parabolic PDE. *Evolution equations*, 121–127, [Lecture Notes in Pure and Appl. Math., 234](#), Dekker, New York, 2003. (Reviewer: José C. Sabina de Lis) [35B50 \(35J60 35K55\)](#)

MR2044625 Reviewed [Portnyagin, Dmitry](#) A generalization of the maximum principle to nonlinear parabolic systems. [Ann. Polon. Math. 81 \(2003\), no. 3](#), 217–236. (Reviewer: José C. Sabina de Lis) [35B50 \(35K55 35K60\)](#)

MR2031154 Reviewed [Giacomini, Hector](#); [Viano, Mireille](#); [Llibre, Jaume](#) Semistable limit cycles that bifurcate from centers. [Internat. J. Bifur. Chaos Appl. Sci. Engrg. 13 \(2003\), no. 11](#), 3489–3498. (Reviewer: José C. Sabina de Lis) [37G15 \(34C07 34C23\)](#)

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MR2008866 Reviewed [Yagisita, Hiroki](#); [Yanagida, Eiji](#) A remark on stable subharmonic solutions of time-periodic reaction-diffusion equations. [J. Math. Anal. Appl. 286 \(2003\), no. 2](#), 795–803. (Reviewer: José C. Sabina de Lis) [35K57 \(35B10\)](#)

MR1988532 Reviewed [Dancer, E. N.](#); [Du, Yihong](#); [Ma, Li](#) Asymptotic behavior of positive solutions of some elliptic problems. [Pacific J. Math. 210 \(2003\), no. 2](#), 215–228. (Reviewer: José C. Sabina de Lis) [35J60 \(35B20\)](#)

MR1989355 Reviewed [Barles, Guy](#); [Da Lio, Francesca](#) Remarks on the Dirichlet and state-constraint problems for quasilinear parabolic equations.

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MR1977704 Reviewed [Kandil, Fatma M.](#) On coexistence in a model of competition in the chemostat. [Far East J. Math. Sci. \(FJMS\) 8 \(2003\), no. 3](#), 241–263. (Reviewer: José C. Sabina de Lis) [92D40 \(34C23 34C25 34D05\)](#)

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MR1959760 Reviewed [Yang, Zuodong](#); [Lu, Qishao](#) Asymptotics for quasilinear elliptic non-positone problems. [Ann. Polon. Math. 79 \(2002\), no. 1](#), 85–95. (Reviewer: José C. Sabina de Lis) [35J60 \(35B45 35J25 35P30\)](#)

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