(A) Research Monographs:


(B) Articles in Books:


(C) Refereed Journal Publications:


67. J.J. Xu, “Tunnel Effect on Density Waves of Galaxies at Co-rotation Circle and Switch Character of ‘WASER’ Mechanism”,

68. J.J. Xu, “Gravitational Instability of Loosely Wound Spiral Density Waves of Galaxies”,


70. J.J. Xu, “On the Basic State of Disc Galaxy with Finite Thickness”,


72. J.J. Xu, “On Unsymmetrical Deposition Motion of Aerosol Particles in a Tube”,

(D) Other Refereed Publications, and Articles in Proceedings:

73. J.J. Xu and Y.N. Huang, “Global Instability, Limiting-State Selection and Nonlinear Pattern Formation”,
    Proceedings of the Second International Conference on Nonlinear Science (Dynamics Days Asian-Pacific)
    held at Zhejiang University, China, August 8–12, 2002.

    — Proceedings of the Second World Congress of Nonlinear Analysts”, Athens, Greece, July 1—17, 1996’,

75. J.J. Xu, “Interfacial Wave Theory of Dendritic Growth and a Comparison with Experiments”, in the
    Book, ‘World Congress of Nonlinear Analysts’ 92 — Proceedings of the First World Congress of Nonlinear

76. J.J. Xu, “Generalized Needle Solutions, Interfacial Instabilities and Pattern Formation”, Report from
    Department of Mathematics and Statistics, McGill University, ISSN 0824-4944, 95-09, (43 pages) (1995).

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78. J.J. Xu, “Interfacial Wave Theory of Pattern Formation”, Report from Department of Mathematics and

    Department of Mathematics and Statistics, McGill University, ISSN 0824-4944, 94-05, (28 pages) (1994).

80. J.J. Xu, “Global Interfacial Instabilities and Dendritic Pattern Formation”, Report from Department of

    Report from Department of Mathematics and Statistics, McGill University, ISSN 0824-4944, 93-05, (23


(E) Non-refereed Contributions


