學術著作：Publications：

(A)   Refereed Papers：

[01] J.-S Guo, H. Ninomiya and C.-C Wu*, Existence of a rotating wave pattern in a disk for a wave front interaction model, Communications on Pure and Applied Analysis 12 (2013), 1049-1063

[02] S.-G. Liao and C.-C. Wu*, Propagation failure in discrete periodic media, Journal of Difference Equations and Applications 19 (2013), 1268-1275.

[03] C.-C. Wu* and Z. Zhang, Dead-core rates for the heat equation with a spatially dependent strong absorption, Discrete and Continuous Dynamical System – B, 18, no. 8 (2013), 2203-2210

[04] Chin-Chin Wu, Uniqueness of traveling waves for a two-dimensional bistable periodic lattice   dynamical system, Abstract and Applied Analysis, Vol. 2012, Article ID 289168, 10 pages.

[05] Chin-Chin Wu, Existence of traveling wavefront for discrete bistable competition model, Discrete and Continuous   Dynamical System – B, 16, no. 3 (2011), 973-984.

[06] Jong-Shenq Guo, Hiroshi Matano and Chin-Chin Wu*, An application of braid group t heory to the finite   time dead-core rate, Journal of Evolution Equations 10 (2010),835-855

[07] Jong-Shenq Guo, and Chin-Chin Wu*, Uniqueness and stability of   traveling waves for periodic   monostable lattice dynamical system, Journal of Differential Equations, 246 (2009) 3818-3833

[08] Sheng-Chen Fu, Jong-Shenq Guo*, and Chin-Chin Wu, Dead-core at timeinfinity for a heat equation with strong absorption, Taiwanese Journal of Mathematics 13(2009),1213-1227.

[09] Xinfu Chen, Jong-Shenq Guo*, and Chin-Chin Wu, Traveling waves in discrete periodic media for bistable dynamics, Arch. Rational Mech. Anal., 189, no. 2 (2008),

189—236.

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[11] Jong-Shenq Guo*, Chia-Tung Ling, and Chin-Chin Wu, The equilibrium positions of solid bodies on an   elastic wire with energy involving arc length, Mathematical and Computer Modelling 42 (2005), 99--122.

[12] Jong-Shenq Guo, Naoyuki Ishimura*, and Chin-Chin Wu, Self-similar solutions for the kinematic model equation of spiral waves, Physica D: Nonlinear Phenomena 198 (2004), 197-211