References

[1] A.-L. Barabási and H. E. Stanley, *Fractal Concepts in Surface Growth*, Cambridge University Press, Cambridge, 1995.

[2] P. Punyindu, *Understanding Kinetic Surface Roughening Using Local, Discrete, Nonequilibrium Growth Models.*, Doctoral Dissertation, Faculty of the Graduate School, University of Maryland, 2000.

[3] D. E. Wolf and J. Villain, Europhys. Lett. **13**,389 (1990).

[4] S. Das Sarma and P. I. Tamborenea, Phys. Rev. Lett. **66**, 325 (1991).

[5] P. I. Tamborenea and S. Das Sarma, Phys. Rev. E **48**, 2575 (1993).

[6] G. Ehrlich and F. G. Hudda, J. Chem. Phys. **44**, 1039 (1966).

[7] R. L. Schwoebel and E. J. Shipsey, J. Appl. Phys. **37**, 3682 (1966).

[8] K. Kyuno and G. Ehrlich, Surf. Sci. **394**, L179 (1997).

[9] F. Family and T. Vicsek, J. Phys. A **18**, L75 (1985).

[10] S. Das Sarma, arXiv:cond-mat/9705118 (1997).

[11] M. Kardar, G. Parisi and Y.-C. Zhang, Phys. Rev. Lett. **56**, 889 (1986).

[12] J. R. Leith, Sign. Proc. **83**, 2397 (2003).

[13] S. F. Edwards and D. R. Wilkinson, Proc. R. Soc. London, Ser. A **381**, 17 (1982).

[14] C. Herring, J. Appl. Phys. **21**, 301 (1950).

[15] W. W. Mullins, J. Appl. Phys. **28**, 333 (1957).

[16] Z. W. Lai and S. Das Sarma, Phys. Rev. Lett. **66**, 2348 (1991).

[17] J. M. Kim and S. Das Sarma, Phys. Rev. E **51**, 1889 (1995).

[18] S. Das Sarma and R. Kotlyar, Phys. Rev. E. **50**, R4275 (1994).

[19] S. Das Sarma, C. J. Lanczycki, R. Kotlyar and S. V. Ghaisas, Phys. Rev. E **53**, 359 (1996).

[20] J. Krug, M. Plischke, and M. Siegert, Phys. Rev. Lett. **70**, 3271 (1993).

[21] S. Das Sarma and P. Punyindu, Surf. Sci. **424**, L339 (1999).

[22] S. Das Sarma, P. Punyindu and Z. Toroczkai, Surf. Sci. **457**, L369 (2000).

[23] P. P. Chatraphorn, Z. Toroczkai and S. Das Sarma, Phys. Rev. B **64**, 205407 (2001).

[24] W. H. Press, S. A. Teukolsky, W. T. Vetterling, B. P. Flannery, *Numerical Recipes in C, The Art of Scientific Computing*, 2nd Ed. (Acrobat Ed.), Numerical Recipes Books On-Line, Cambridge University Press, 1992. Avialable from: http://lib-www.lanl.gov/numerical/bookcpdf.html

[25] J. Villain, J. Phys. (France) I **1**, 19 (1991).

[26] P. Šmilauer, M. Kotrla, Phys. Rev. B **49**, 5769 (1994).

[27] D. D. Vvedensky, Phys. Rev. E **68**, 010601(R) (2003).

[28] Z. F. Huang and B.-L. Gu, Phys. Rev. E **54**, 5935 (1996).

[29] Y. Kim and S. Y. Yoon, Phys. Rev. E **65**, 041609 (2002).

[30] M. H. Xie, S. Y. Leung and S. Y. Tong, Surf. Sci. **515**, L459 (2002).

[31] M. V. Ramana Murty and B. H. Cooper, Surf. Sci. **539**, 91 (2003).

[32] J. G. Amar and F. Family, Phys. Rev. Lett. **77**, 4584 (1996).

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2004   Rachan Rangdee, Patcha Chatraphorn, "A Study of Wolf-Villain Model with Ehrlich-Schwoebel Barrier", *The 8th Annual National Symposium on Computational Science and Engineering (ANSCSE8)*, Suranaree University of Technology (July 21-23, 2004): CP-003

2004   Rachan Rangdee, Patcha Chatraphorn, "Ehrlich-Schwoebel barrier in a model for MBE growth", *The 4th National Symposium on Graduate Research*, Lotus Pang Suankaew Hotel, Chiang Mai (August 10-11, 2004): O-ST-59