

7. References

- [1] R.D. Miller, *Science* **286** (1999) 421.
- [2] B.D. Hatton, K. Landskron, W.J. Hunks, M.R. Bennett, D. Shukaris, D.D. Perovic, G.A. Ozin, *Materials today* **9** (2006) 22.
- [3] S. Baskaran, J. Liu, K. Domansky, N. Kohler, X. Li, C. Coyle, G.E. Fryxell, S. Thevuthasan, R.E. Williford, *Adv. Mater.* **12** (2000) 291.
- [4] H. Ma, A.K.Y. Jen, L.R. Dalton, *Adv. Mater.* **14** (2002) 1339.
- [5] S.G. Johnson, S. Fan, P.R. Villeneuve, J.D. Joannopoulos, *Phys. Rev. B* **60** (1999) 5751.
- [6] V.B. Gadkar, A.D. Saligram, *J. Instrum. Soc. India* **35** (1) 122.
- [7] Y. Sugimoto, N. Ikeda, N. Carlsson, K. Asakawa, N. Kawai, K. Inoue, *Appl. Phys. Lett.* **79** (2001) 4286.
- [8] J.-Q. Xi, J.K. Kim, E.F. Schubert, *IEEE LEOS Newsletter*, December 2005, 10.
- [9] K. Maex, M.R. Baklanov, D. D. Shamiryan, F. Iacopi, S.H. Brongersma, Z.S. Yanovitskaya, *J. Appl. Phys.* **93** (2003) 8793.
- [10] C.J. Brinker, G.W. Scherer, *Sol-Gel Science*, Academic Press, New York, 1990.
- [11] F. Schüth, W. Schmidt, *Adv. Mater.* **14** (2002) 629.
- [12] A. Jain, S. Rogojevic, S. Ponoth, N. Agarwal, I. Matthew, W.N. Gill, P. Persans, M. Tomozawa, J.L. Plawsky, E. Simonyi, *Thin Solid Films* **398** (2001) 513.
- [13] M. Schmidt, G. Boettger, M. Eich, W. Morgenroth, U. Huebner, H. G. Meyer, D. Konjhodzic, H. Bretinger, F. Marlow, *Appl. Phys. Lett.* **85** (2004) 16.

- [14] U. Ciesla, F. Schüth, *Microporous Mesoporous Mater.* **27** (1999) 131.
- [15] K.J. Edler, S.J. Roser, *Int. Reviews in Physical Chemistry* **20** (2001) 387.
- [16] K.S.W. Sing, D.H. Everett, R.H.W. Haul, L. Moscou, R.A., Pierotti, J. Rouquerol, T. Siemieniewska, *Pure Appl. Chem.* **57** (1985) 603.
- [17] J. Sauer, F. Marlow, B. Spliethoff, F. Schüth, *Chem. Mater.* **14** (1) (2002) 217.
- [18] W. Dong, F. Marlow, *Physica E* **17** (2003) 431.
- [19] Ch. Baerlocher, W.M. Meier, D.H. Olson, *Atlas of Zeolite Framework Types*, 5th revised edition, Elsevier, Amsterdam, 2001.
- [20] D. Demuth, G.D. Stucky, K. Unger, F. Schüth, *Microporous Mater.* **3** (1995) 473.
- [21] K. Hoffmann, F. Marlow, J. Caro, *Adv. Mater.* **9** (1997) 567.
- [22] E. Yablonovitch, *Phys. Rev. Lett.* **58** (1987) 2059.
- [23] S. John, *Phys. Rev. Lett.* **58** (1987) 2486.
- [24] J. Sanders, *Nature* **204** (1964) 1151.
- [25] C.J. Brinker, A.J. Hurd, P.R. Schunk, G.C. Frye, C.S. Ashley, *J. Non-cryst. Solids* **147&148** (1992) 424.
- [26] J.S. Beck, J.C. Vartuli, W.J. Roth, M.E. Leonowicz, C.T. Kresge, K.D. Schmitt, C.T.-W. Chu, D.H. Olson, E.W. Sheppard, S.B. McCullen, J.B. Higgins, J.L. Schlenker, *J. Am. Chem. Soc.* **114** (1992) 10834.
- [27] A. Monnier, F. Schüth, Q. Huo, D. Kumar, D. Margolese, R.S. Maxwell, G.D. Stucky, M. Krishnamurty, P. Petroff, A. Firouzi, M. Janicke, B.F. Chmelka, *Science* **261** (1993) 1299.
- [28] C.T. Kresge, M.E. Leonowicz, W.J. Roth, J.C. Vartuli, J.S. Beck, *Nature* **359** (1992) 710.
- [29] Q. Huo, D.I. Margolese, G.D. Stucky, *Chem. Mater.* **8** (1996) 1147.
- [30] R. Ryoo, J.M. Kim, C.H. Ko, C.H. Shin, *J. Phys. Chem.* **100** (1996) 17718.
- [31] S.A. Bagshaw, E. Prouzet, T.J. Pinnavaia, *Science* **269** (1995) 1242.
- [32] D. Zhao, Q. Huo, J. Feng, B.F. Chmelka, G.D. Stucky, *J. Am. Chem. Soc.* **120** (1998) 6024.
- [33] P.T. Tanev, T.J. Pinnavaia, *Science* **267** (1995) 865.

- [34] D. Zhao, J. Feng, Q. Huo, N. Melosh, G.H. Frederickson, B.F. Chmelka, G.D. Stucky, *Science* **279** (1998) 548.
- [35] C.J. Brinker, Y. Lu, A. Sellinger, H. Fan, *Adv. Mater.* **11** (1999) 579.
- [36] J.N. Israelachvili, D.J. Mitchell, B.W. Ninham, *J. Chem. Soc., Faraday Trans. II* **72** (1976) 1527.
- [37] A. Steel, S.W. Carr, M.W. Anderson, *J. chem.. Soc., Chem.. Commun.* (1994) 1571.
- [38] G.D. Stucky, A. Monnier, F. Schüth, Q. Huo, D. Margolese, D. Kumar, M. Krishnamurty, P. Petroff, A. Firouzi, M. Janicke, B.F. Chmelka, *Molec. Crystals Liq. Crystals* **240** (1994) 187.
- [39] A. Firouzi, D. Kumar, L.M. Bull, T. Besier, P. Sieger, Q. Huo, S.A. Walker, J.A. Zasadinski, C. Glinka, J. Nicol, D. Margolese, G.D. Stucky, B.F. Chmelka, *Science* **267** (1995) 1138.
- [40] A. Matijasic, A.C. Voegtlin, J. Patarin, J.L. Guth, L. Huve, *J. Chem. Soc., Chem. Commun.* 1123.
- [41] C.-F. Cheng, H. He, W. Zhou, J. Klinowski, *Chem. Phys. Lett.* **244** (1995) 117.
- [42] J.L. Hedrick, R.D. Miller, C.J. Hawker, K.R. Carter, W. Volksen, D.Y. Yoon, M. Trollsås, *Adv. Mater.* **10** (1998) 1049.
- [43] E. Huang, M.F. Toney, W. Volksen, D. Mecerreyes, P. Brock, H.-C. Kim, C.J. Hawker, J.L. Hedrick, V.Y. Lee, T. Magbitang, R.D. Miller, *Appl. Phys. Lett.* **81** (2002) 2232.
- [44] M.-H. Jo, H.-H. Park, D.-J. Kim, S.-H. Hyun, S.-Y. Choi, J.-T. Paik, *J. Appl. Phys.* **82** (1997) 1299.
- [45] M. Ogawa, *J. Am. Chem. Soc.* **116** (1994) 7941.
- [46] M. Ogawa, N. Masukawa, *Microporous Mesoporous Mater.* **38** (2000) 35.
- [47] H.S. Zhou, D. Kundu, I. Honma, *J. Eur. Ceram. Soc.* **19** (1999) 1361.
- [48] S. Besson, T. Gacoin, C. Jacquiod, C. Ricolleau, D. Babonneau, J.-P. Boilot, *J. Mater. Chem.* **10** (2000) 1331.
- [49] L. D. Landau, B.G. Levich, *Acta Physiochim. URSS* **17** (1942) 42.
- [50] M. Ferrer, P. Lianos, *Langmuir* **12** (1996) 5620.
- [51] Y. Lu, R. Ganguli, C. A. Drewien, M. T. Anderson, C.J. Brinker, W. Gong, Y. Guo, H. Soye, B. Dunn, M.H. Huang, J.I. Zink, *Nature* **389** (1997) 364.

- [52] D. Grosso, F. Carnol, G. Soler-Illia, E. L. Crepaldi, H. Amenitsch, A. Brunet-Bruneau, A. Bourgeois, C. Sanchez, *Adv. Funct. Mater.* **14** (2004) 309.
- [53] D. Zhao, P. Yang, N. Melosh, J. Feng, B.F. Chmelka, G.D. Stucky, *Adv. Mater.* **10** (1998) 1380.
- [54] P.C.A. Alberius, K. L. Frindell, R.C Hayward, E.J Kramer, G.D. Stucky, B.F Chmelka, *Chem. Mater.* **14** (2002) 3284.
- [55] G.S Attard, J.C. Glyde, C.G. Göltner, *Nature* **378** (1995) 366.
- [56] T. Dabadie, A. Ayrat, C. Guizard, L. Cot, P. Lazan, *J. Mater. Chem.* **6** (1996) 1789.
- [57] H. Yang, A. Kuperman, N. Coombs, S. Mamiche-Afara, G.A. Ozin, *Nature* **379** (1996) 703.
- [58] H. Yang, N. Coombs, I. Sokolov, G.A. Ozin, *J. Mater. Chem.* **7** (1997) 1285.
- [59] H. Yang, N. Coombs, I. Sokolov, G.A. Ozin, *Nature* **381** (1996) 589.
- [60] N. Yao, A.Y. Ku, N. Nakagawa, T. Lee, D.A. Saville, I.A. Aksay, *Chem. Mater.* **12** (2000) 1536.
- [61] H.W. Hillhouse, T. Okubo, J.W. van Egmond, M. Tsapatsis, *Chem. Mater.* **9** (1997) 1505.
- [62] K.J. Balkus Jr, A.S. Scott, M.E. Gimon-Kinsel, J.H. Blanco, *Micropor. Mesopor. Mater.* **38** (2000) 97.
- [63] G.S: Attard, P.N. Bartlett, N.R.B Coleman, J.M. Elliott, J.R. Owen, J.H. Wang, *Science* **278** (1997) 838.
- [64] Y. Sugimoto, N. Ikeda, N. Carlsson, K. Asakawa, N. Kawai, K. Inoue, *Appl. Phys. Lett.* **79** (2001) 4286.
- [65] J.D. Joannopoulos, R.D. Meade, J.N. Winn, *Photonic Crystals: Molding the flow of light*, Princeton University Press, Princeton, 1995.
- [66] Y. Akahane, M. Mochizuki, T. Asano, Y. Tanaka, S. Noda, *Appl. Phys. Lett.* **82** (2003) 1341.
- [67] H. Kosaka, T. Kawashima, A. Tomita, M. Notomi, T. Tamamura, T. Sato, S. Kawakami, *Phys. Rev.* **B 58** (1998) 10096.
- [68] J.M. Gerard, A. Izrael, J.Y. Marzin, R. Padjen, F.R. Ladan, *Solid-State Electronics* **37** (1994) 1341.
- [69] U. Grüning, V. Lehmann, C.M. Engelhardt, *Appl. Phys. Lett.* **66** (1995) 3254.

- [70] J.M. Dallesasse, N. Holonyak, A.R. Sugg, T.A. Richard, N. Elzein, *Appl. Phys. Lett.* **57** (1990) 2844.
- [71] S. John, O. Toaderm, K. Busch, *Photonic Band Gap Materials: A Semiconductor for Light, Encyclopedia of Physical Science and Technology* 12, Academic Press, New York, 2001.
- [72] T. F. Krauss, R.M. De La Rue, S. Brand, *Nature* **383** (1996) 699.
- [73] M. Mulot, M. Qiu, M. Swillo, B. Jaskorzynska, S. Anand, *Appl. Phys. Lett.* **83** 1095.
- [74] B.T. Holland, C.F. Blanford, A. Stein, *Science* **281** (1998) 538.
- [75] J.E.G.J. Vijnhoven, W.L. Vos, *Science* **281** (1998) 802.
- [76] W.T. Dong, H.J. Bongard, B. Tesche, F. Marlow, *Adv. Mater.* **14** (2002) 1457.
- [77] C. López, *Adv. Mater.* **15** (2003) 1679.
- [78] R.W. Schwartz, *Chem. Mater.* **9** (1997) 2325.
- [79] C.J. Lu, H.M. Shen, Y.N. Wang, *Appl. Phys. A* **67** (1998) 253.
- [80] M. Ogasawara, M. Shimizu, T. Shiosaki, *Jpn. J. Appl. Phys.* **31** (1992) 2971.
- [81] R.N. Castellano, L.G. Feinstein, *J. Appl. Phys.* **50** (1979) 4406.
- [82] K. Nashimoto, S. Nakamura, H. Moriyama, M. Watanabe, E. Osakabe, *Appl. Phys. Lett.* **73** (1998) 303.
- [83] W. Zhu, Z.Q. Liu, W. Lu, M.S. Tse, H.S. Tan, and X. Yao, *J. Appl. Phys.* **79** (1996) 4283.
- [84] C.M. Foster, G.-R. Bai, R. Csencsits, J. Vetrone, R. Jammy, L.A. Wills, E. Carr, J. Amano, *J. Appl. Phys.* **81** (1997) 2349.
- [85] M.P. Moret, M.A.C. Devillers, K. Wörhoff, P.K. Larsen, *J. Appl. Phys.* **92** (2002) 468.
- [86] H. Kozuka, M. Kajimura, T. Hirano, K. Katayama, *J. of Sol-Gel Sci. and Technol.* **19** (2000) 205.
- [87] S. Takenaka, H. Kozuka, *Appl. Phys. Lett.* **79** (2001) 3485.
- [88] H. Kozuka, S. Takenaka, H. Tokita, M. Okubayashi, *Journal of the European Ceramic Society* **24** (2004) 1585.
- [89] S.H. Hu, X.J. Meng, G.S. Wang, J.L. Sun, D.X. Li, *Journal of Crystal Growth* **264** (2004) 307.
- [90] X.G. Tang, Q.F. Zhou, J.X. Zhang, *Materials Research Bulletin* **34** (1999) 2231.

- [91] P.F. Baude, C. Ye, T. Tamagawa, D.L. Polla, *J. Appl. Phys.* **73** (1993) 7960.
- [92] C. Lee, V. Spirin, H. Song, K. No, *Thin Solid Films* **340** (1999) 242.
- [93] K.P. Jayadevan, T.Y. Tseng, *J. Mater. Sci.* **13** (2002) 439.
- [94] J. Zeng, C. Lin, K. Li, J. Li, *Appl. Phys. A* **69** (1999) 93.
- [95] J. Li, L. Zhang, X. Yao, J. Wang, *Ceramics International* **30** (2004) 1509.
- [96] H. Bretinger, Lab journal BTR-BA 2269, page 129.
- [97] Ch. Striebel, K. Hoffmann, F. Marlow, *Microp. Materials* **9** (1997) 43.
- [98] G. Binnig, C. F. Quate, C. Gerber, *Phys. Rev. Lett.* **56** (1986) 930.
- [99] G. Binnig, H. Rohrer, C. Gerber, E. Weibel, *Phys. Rev. Lett.* **49** (1982) 57.
- [100] N.A. Burnham, O.P. Behrend, F. Oulevey, G. Gremaud, P.-J. Galo, D. Gourdon, E. Dupas, A.J. Kulik, H.M. Pollock, G.A.D. Briggs, *Nanotechnology* **8** (1997) 67.
- [101] R. García, R. Pérez, *Surf. Sci. Rep.* **47** (2002) 197.
- [102] W. Demtröder, *Experimentalphysik*, Springer-Verlag, Berlin-Heidelberg-New York, 3. ed. (2004) 352.
- [103] P.J. James, M. Antognozzi, J. Tamayo, T.J. McMaster, J.M. Newton, M.J. Miles, *Langmuir* **17** (2001) 349.
- [104] G. Bar, R. Brandsch, M.H. Whangbo, *Surf. Sci.* **422** (1999) L192.
- [105] B. Bhushan, J. Qi, *Nanotechnology* **14** (2003) 886.
- [106] S.N. Magonov, V. Elings, M.H.-Whangbo, *Surf. Sci.* **375** (1997) L385.
- [107] J.P. Cleveland, B. Anczykowski, A.E. Schmid, V.B. Elings, *Appl. Phys. Lett.* **72** (1998) 2613.
- [108] B. Anczykowski, B. Gotsmann, H. Fuchs, J.P. Cleveland, V.B. Elings, *Appl. Surf. Sci.* **140** (1999) 376.
- [109] J. Tamayo, R. García, *Appl. Phys. Lett.* **71** (1997) 2394.
- [110] J. Tamayo, R. García, *Appl. Phys. Lett.* **73** (1998) 2926.
- [111] S. Wischnitzer, *Introduction to Electron Microscopy, Second Edition*, Pergamon Press, New York, 1970
- [112] D. Konjhodzic, H. Bretinger, U. Wilczok, A. Dreier, A. Ladenburger, M. Schmidt, M. Eich, F. Marlow, *Appl. Phys. A* **81** (2005) 425.

- [113] D. Konjhodzic, H. Bretinger, F. Marlow, *Thin Solid Films* **495** (2006) 333.
- [114] L.C. Huang, E.K. Richman, B.L. Kirsch, S.H. Tolbert, *Micropor. Mesopor. Mater.* **96** (2006) 341.
- [115] D. Konjhodzic, S. Schröter, F. Marlow, *Phys. Stat. Sol. (a)* **204** (2007) 3676.
- [116] D. Konjhodzic, Lab journal KOD-KA 2388, pp. 75.
- [117] S. Tanaka, M.P. Tate, N. Nishiyama, K. Ueyama, H.W. Hillhouse, *Chem. Mater.* **18** (2006) 5461.
- [118] H. Kuchling, *Taschenbuch der Physik*, Fachbuchverlag Leipzig (1996) 604.
- [119] D. Grosso, A.R. Balkenende, P.A. Alboy, A. Ayril, H. Amenitsch, F. Babonneau, *Chem. Mater.* **13** (2001) 1848.
- [120] M. Klotz, P.-A. Albouy, A. Ayril, C. Ménager, D. Grosso, A. van der Lee, V. Cabuil, F. Babonneau, C. Guizard, *Chem. Mater.* **12** (2000) 1721.
- [121] D. Grosso, G.J. de A.A. Soler-Illia, F. Babonneau, C. Sanchez, P.-A. Albouy, A. Brunet-Bruneau, A.R. Balkenende, *Adv. Mater.* **13** (2001) 1085.
- [122] J.I. Paredes, A.M.-Alonso, J.M.D. Tascon, *Micropor. Mesopor. Mater.* **65** (2003) 93
- [123] L. Nicole, C. Boissiere, D. Grosso, A. Quach, C. Sanchez, *J. Mater. Chem.* **15** (2005) 3598.
- [124] S.M. Gates, D.A. Neumayer, M.H. Sherwood, A. Grill, X. Wang, M. Sankarapandian, *J. Appl. Phys.* **101** (2007) 094103.
- [125] Y. Wang, R. Song, Y. Li, J. Shen, *Surface Science* **530** (2003) 136.
- [126] S.S. Kim, W. Zhang, T.J. Pinnavaia, *Science* **282** (1998) 302.
- [127] C.-W. Wu, Y. Yamauchi, T. Ohsuna, K. Kuroda, *J. Mater. Chem.* **16** (2006) 3091.
- [128] D. Konjhodzic, Lab journal KOD-KA 2388, pp. 187.
- [129] P. Falcaro, D. Grosso, H. Amenitsch, P. Innocenzi, *J. Phys. Chem. B* **108** (2004) 10948.
- [130] P. Holmquist, P. Alexandridis, B. Lindman: *J. Phys. Chem. B* **102** (1998) 1149.
- [131] L. Bergmann, C. Schäfer, *Lehrbuch der Experimentalphysik Band III*, Walter de Gruyter, Berlin-New York (1987) 344.
- [132] F.C. Peiris, B.D. Hatton, G.A. Ozin, *Appl. Phys. Lett.* **87** (2005) 241902.

- [133] X. Li, J.C. Birnbaum, R.C. Williford, G.E. Fryxell, C.A. Coyle, G.C. Dunham, S. Baskaram, *Chem. Commun.* (2003) 2054.
- [134] D.E. Aspnes, *Thin Solid Films* **89** (182) 249.
- [135] M. Born, E. Wolf, *Principles of optics*, Pergamon, New York (1980) 87.
- [136] D.A.G. Bruggeman, *Ann. Phys. (Leipzig)* **24** (1935) 636.
- [137] M. Müller, R. Zentel, T. Maka, S.G. Romanov, C.M. Sotomayor Torres, *Adv. Mater.* **12** (2000) 1499.
- [138] M.M. Braun, L. Pilon, *Thin Solid Films* **496** (2006) 505.
- [139] D. Wöhrle, M.W. Tausch, W.-D. Stohrer, *Photochemie* (Wiley-VCH, Weinheim, 1998), p. 498.
- [140] R. Vogel, P. Meredith, M.D. Harvey, H. Rubinsztein-Dunlop, *Spectrochimica Acta A* **60** (2004) 245.
- [141] B.J. Scott, G. Wirnsberger, G.D. Stucky, *Chem. Mater.* **13** (2001) 3140.
- [142] D. Konjhozic, Lab journal KOD-KA 2388, pp. 228.
- [143] F. Marlow, unpublished result.
- [144] S. Mikhailenko, D. Desplantier-Giscard, C. Danumah, S. Kaliaguine, *Micropor. Mesopor. Mater.* **52** (2002) 29.
- [145] R.A. Schoonheydt, W. De Wilde, F. Velghe, *J. Phys. Chem.* **80** (1976) 511.
- [146] A.C. Fischer-Cripps, *Surface & Coating Technology* **200** (2006) 4153.
- [147] M. Herrmann et al., unpublished preliminary results.
- [148] W.C. Oliver, G.M. Pharr, *J. Mater Res.* **7** (1992) 1564.
- [149] M. Herrmann, N. Schwarzer, F. Richter, S. Fruehauf, S.E. Schulz, *Surf. Coat. Technol.* **201** (2006) 4305.
- [150] R.E. Williford, X.S. Li, R.S. Addleman, G.E. Fryxell, S. Baskaran, J.C. Birnbaum, C. Coyle, T.S. Zemanian, C. Wang, A.R. Courtney, *Micropor. Mesopor. Mater.* **85** (2005) 260.
- [151] G. Cross, *J. Appl. Phys.* **86** (1999) 6483.
- [152] U. Huebner, R. Boucher, W. Morgenroth, M. Schmidt, M. Eich, *Microelectronic Engineering* **83**, 1138 (2006).
- [153] K. Iizuka, *Elements of Photonics, Vol. II*, Wiley-Interscience (2002).

- [154] C. Liguda, G. Boettger, A. Kuligk, M. Eich, H. Roth, J. Kunert, W. Morgenroth, H. Elsner, H.G. Meyer, *Appl. Phys. Lett.* **78** (2001) 2434.
- [155] H. Kozuka, S. Takenaka, *J. Am. Ceram. Soc.* **85** (2002) 2696.
- [156] H. Kozuka, S. Takenaka, H. Tokita, T. Hirano, Y. Higashi, T. Hamatani, *J. of Sol-Gel Sci. and Technol.* **26** (2003) 681.
- [157] M. Stempniewicz, M. Rohwerder, F. Marlow, *ChemPhysChem* **8** (2007) 188.
- [158] P. F. Baude, C. Ye, T. Tamagawa, and D. L. Polla, *J. Appl. Phys.* **73** (1993) 7960.
- [159] H.L. Li, W.T. Dong, H.J. Bongard, F. Marlow, *J. Phys. Chem. B* **109** (2005) 9939.
- [160] F. Marlow, W.T. Dong, *ChemPhysChem* **4** (2003) 549.
- [161] B. Li, J. Zihou, L. Hao, W. Hu, R. Zong, M. Cai, M. Fu, Z. Gui, L. Li, *Appl. Phys. Lett.* **82** (2003) 3617.
- [162] P.J. Bruinsma, A.Y. Kim, J. Liu, S. Baskaran, *Chem. Mater.* **9** (1997) 2507.
- [163] A.S.G. Khalil, D. Konjhozic, F. Marlow, *Adv. Mater.* **18** (2006) 1055.
- [164] Q. Huo, D.I. Margolese, U. Ciesla, P. Feng, T.E. Gier, P. Sieger, R. Leon, P.M. Petroff, F. Schüth, G.D. Stucky, *Nature* **368** (1994) 317.
- [165] F. Marlow, I. Leike, C. Weidenthaler, C.W. Lehmann, U. Wilczok, *Adv. Mater.* **13** (2001) 307.
- [166] F. Marlow, A.S.G. Khalil, M. Stempniewicz, *J. Mater. Chem.* **17** (2007) 2168.
- [167] F. Marlow, S. Eiden, *Eur. J. of Phys.* **25** (2004) 439.
- [168] T. Voss, G.T. Svacha, E. Mazur, S. Müller, C. Ronning, D. Konjhozic, F. Marlow, *Nano Letters* (2007) (accepted).