

- [332] X. Zhao, Y. Ando, L.-C. Qin, H. Kataura, Y. Maniwa, and R. Saito, *Chem. Phys. Lett.* 361(1–2) (2002), pp. 169–174.
- [333] M.S. Dresselhaus and P.C. Eklund, *Adv. Phys.* 49 (2000), pp. 705–814.
- [334] S.D.M. Brown, P. Corio, A. Marucci, M.S. Dresselhaus, M.A. Pimenta, and K. Kneipp, *Phys. Rev. B* 61(8) (2000), pp. 5137–5140.
- [335] P.T. Araujo and A. Jorio, *Phys. Stat. Solidi B* 245(10) (2008), pp. 2201–2204.
- [336] G.S. Duesberg, W.J. Blau, H.J. Byrne, J. Muster, M. Burghard, and S. Roth, *Chem. Phys. Lett.* 310(1–2) (1999), pp. 8–14.
- [337] J. Azoulay, A. Débarre, A. Richard, and P. Tchénio, *J. Phys. IV* 10(8) (2000), pp. 8–223.
- [338] A. Jorio, A.G. Souza Filho, G. Dresselhaus, M.S. Dresselhaus, R. Saito, J. Hafner, C. Lieber, F. Matinaga, M. Dantas, and M.A. Pimenta, *Phys. Rev. B* 63(24) (2001), p. 245416.
- [339] J.H. Hafner, C.L. Cheung, T.H. Oosterkamp, and C.M. Lieber, *J. Phys. Chem. B* 105(4) (2001), pp. 743–746.
- [340] A. Jorio, C. Fantini, M.S.S. Dantas, M.A. Pimenta, A.G. Souza Filho, G.G. Samsonidze, V.W. Brar, G. Dresselhaus, M.S. Dresselhaus, A. Swan, M. Ünlü, B. Goldberg, and R. Saito, *Phys. Rev. B* 66(11) (2002), p. 115411.
- [341] A.G. Souza Filho, A. Jorio, J. Hafner, C. Lieber, R. Saito, M. Pimenta, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. B* 63(24) (2001), p. 241404R.
- [342] K. Sato, R. Saito, J. Jiang, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. B* 76 (2007), p. 195446.
- [343] K. Sato, R. Saito, J. Jiang, G. Dresselhaus, and M.S. Dresselhaus, *Vib. Spectrosc.* 45(2) (2007), pp. 89–94.
- [344] P.B.C. Pesce, P.T. Araujo, P. Nikolaev, S.K. Doorn, K. Hata, R. Saito, M.S. Dresselhaus, and A. Jorio, *Appl. Phys. Lett.* 96 (2010), p. 51910.
- [345] S. Doorn, P. Araujo, K. Hata, and A. Jorio, *Phys. Rev. B*, 78, 165408. (2008).
- [346] V.N. Popov, *New J. Phys.* 6 (2004), p. 17.
- [347] S. Maruyama, R. Kojima, Y. Miyauchi, S. Chiashi, and M. Kohno, *Chem. Phys. Lett.* 360(3–4) (2002), pp. 229–234.
- [348] P. Nikolaev, M.J. Bronikowski, R.K. Bradley, F. Rohmund, D.T. Colbert, K.A. Smith, and R.E. Smalley, *Chem. Phys. Lett.* 313(1–2) (1999), pp. 91–97.
- [349] T. Ando, *J. Phys. Soc. Jpn.* 79(2) (2010), p. 4706.
- [350] M.S. Dresselhaus, G. Dresselhaus, A. Jorio, A.G. Souza Filho, and R. Saito, *Carbon* 40(12) (2002), pp. 2043–2061.
- [351] A. Jorio, G. Dresselhaus, M.S. Dresselhaus, M. Souza, M.S.S. Dantas, M.A. Pimenta, A.M. Rao, R. Saito, C. Liu, and H.M. Cheng, *Phys. Rev. Lett.* 85(12) (2000), pp. 2617–2620.
- [352] A. Jorio, M.A. Pimenta, A.G. Souza Filho, G.G. Samsonidze, A.K. Swan, M.S. Ünlü, B.B. Goldberg, R. Saito, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. Lett.* 90(10) (2003), p. 107403.
- [353] H. Ajiki and T. Ando, *Phys. B: Condens. Matter* 201 (1994), pp. 349–352.
- [354] A.G. Marinopoulos, L. Reining, A. Rubio, and N. Vast, *Phys. Rev. Lett.* 91(4) (2003), p. 46402.
- [355] G.S. Duesberg, I. Loa, M. Burghard, K. Syassen, and S. Roth, *Phys. Rev. Lett.* 85(25) (2000), pp. 5436–5439.
- [356] J. Hwang, H.H. Gommans, A. Ugawa, and H. Tashiro, *Phys. Rev. B* 62 (2000), pp. R13310–R13313.
- [357] A. Jorio, A.G. Souza Filho, V. Brar, A. Swan, M. Ünlü, B. Goldberg, A. Righi, J. Hafner, C.M. Lieber, R. Saito, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. B* 65(12) (2002), p. R121402.
- [358] A. Rao, A. Jorio, M.A. Pimenta, M. Dantas, R. Saito, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. Lett.* 84(8) (2000), pp. 1820–1823.
- [359] C. Thomsen, S. Reich, P.M. Rafaïlov, and H. Jantoliak, *Phys. Stat. Solidi B* 214 (1999), pp. 15–16.
- [360] M. Souza, A. Jorio, C. Fantini, B.R.A. Neves, M.A. Pimenta, R. Saito, A. Ismach, E. Joselevich, V.W. Brar, G.G. Samsonidze, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. B* 69(24) (2004), p. R15424 1–4.
- [361] P. Corio, A. Jorio, N. Dimer, and M.S. Dresselhaus, *Chem. Phys. Lett.* 392 (2004), pp. 396–402.
- [362] L. Kavan, L. Dunsch, H. Kataura, A. Oshiyama, M. Otani, and S. Okada, *J. Phys. Chem. B* 107(31) (2003), pp. 7666–7675.

- [363] A.W. Bushmaker, V.V. Deshpande, S. Hsieh, M.W. Bockrath, and S.B. Cronin, *Nano Lett.* 9(2) (2009), pp. 607–611.
- [364] R. Saito, A. Jorio, J. Hafner, C.M. Lieber, M. Hunter, T. McClure, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. B* 64(8) (2001), pp. 85312–85319.
- [365] K. Sasaki, R. Saito, G. Dresselhaus, M.S. Dresselhaus, H. Farhat, and J. Kong, *Phys. Rev. B* 78 (2008), pp. 235405–235411.
- [366] J.C. Tsang, M. Freitag, V. Perebeinos, J. Liu, and P. Avouris, *Nat. Nanotechnol.* 2(11) (2007), pp. 725–730.
- [367] A.G. Souza-Filho, A. Jorio, G.G. Samsonidze, G. Dresselhaus, R. Saito, and M.S. Dresselhaus, *Nanotechnology* 14 (2003), pp. 1130–1139.
- [368] N. Geblinger, A. Ismach, and E. Joselevich, *Nat. Nanotechnol.* 3(4) (2008), pp. 195–200.
- [369] A. Jorio, C. Fantini, M.A. Pimenta, R.B. Capaz, G.G. Samsonidze, G. Dresselhaus, M.S. Dresselhaus, J. Jiang, N. Kobayashi, and A. Grüneis, *Phys. Rev. B* 71(7) (2005), p. 75401.
- [370] J. Kürti, V. Zólyomi, M. Kertesz, and G.Y. Sun, *New J. Phys.* 5 (2003), p. 125.
- [371] C. Fantini, A. Jorio, M. Souza, and L.O. Ladeira, *Phys. Rev. Lett.* 93 (2004), p. 87401.
- [372] C. Fantini, A. Jorio, M. Souza, R. Saito, G.G. Samsonidze, M.S. Dresselhaus, and M.A. Pimenta, in *Proceedings of the XVIII International Winter School on the Electronic Properties of Novel Materials*, H. Kuzmany, J. Fink, M. Mehring, and S. Roth, eds., Vol. 786, pp. 178–181, American Institute of Physics, Woodbury, NY, 2005.
- [373] R. Saito, T. Takeya, T. Kimura, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. B* 59(3) (1999), pp. 2388–2392.
- [374] S.G. Chou, H. Son, M. Zheng, R. Saito, A. Jorio, G. Dresselhaus, and M.S. Dresselhaus, *Chem. Phys. Lett.* 443(4–6) (2007), pp. 328–332.
- [375] A.G. Souza Filho, A. Jorio, A.K. Swan, M.S. Ünlü, B.B. Goldberg, R. Saito, J. Hafner, C.M. Lieber, M.A. Pimenta, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. B* 65(8) (2002), p. 85417.
- [376] A.G. Souza Filho, A. Jorio, G. Dresselhaus, M.S. Dresselhaus, R. Saito, A.K. Swan, M.S. Ünlü, B.B. Goldberg, J.H. Hafner, C.M. Lieber, and M.A. Pimenta, *Phys. Rev. B* 65(3) (2001), p. 35404.
- [377] A.G. Souza-Filho, A. Jorio, G.G. Samsonidze, G. Dresselhaus, M.A. Pimenta, M.S. Dresselhaus, A.K. Swan, M.S. Ünlü, B.B. Goldberg, and R. Saito, *Phys. Rev. B* 67 (2003), p. 035427-1–7.
- [378] G.G. Samsonidze, R. Saito, A. Jorio, A.G. Souza-Filho, A. Grüneis, M.A. Pimenta, G. Dresselhaus, and M.S. Dresselhaus, *Phys. Rev. Lett.* 90 (2003), p. 27403.
- [379] A.G. Souza Filho, A. Jorio, G.G. Samsonidze, G. Dresselhaus, M.S. Dresselhaus, A.K. Swan, M. Ünlü, B.B. Goldberg, R. Saito, and J.H. Hafner, *Chem. Phys. Lett.* 354(1–2) (2002), pp. 62–68.
- [380] R. Saito, A. Jorio, A.G. Souza Filho, G. Dresselhaus, M.S. Dresselhaus, A. Grüneis, L.G. Cançado, and M.A. Pimenta, *Jpn. J. Appl. Phys.* 41(Part 1, No. 7B) (2002), pp. 4878–4882.
- [381] L. Novotny and B. Hecht, *Principles of Nano optics*, Cambridge University Press, 2006, p. 558.
- [382] A. Hartschuh, E.J. Sánchez, X.S. Xie, and L. Novotny, *Phys. Rev. Lett.* 90(9) (2003), p. 95503.
- [383] I.O. Maciel, M.A. Pimenta, M. Terrones, H. Terrones, J. Campos-Delgado, and A. Jorio, *Phys. Stat. Solidi B* 245(10) (2008), pp. 2197–2200.
- [384] I.O. Maciel, J. Campos-Delgado, E. Cruz-Silva, M.A. Pimenta, B.G. Sumpter, V. Meunier, F. López-Urias, E. Muñoz-Sandoval, H. Terrones, M. Terrones, and A. Jorio, *Nano Lett.* 9(6) (2009), pp. 2267–2272.
- [385] I.O. Maciel, J. Campos-Delgado, M.A. Pimenta, M. Terrones, H. Terrones, A.M. Rao, and A. Jorio, *Phys. Stat. Solidi B* 246(11–12) (2009), pp. 2432–2435.
- [386] C. Georgi and A. Hartschuh, *Appl. Phys. Lett.* 97(14) (2010), p. 143117.
- [387] H. Qian, C. Georgi, N. Anderson, A.A. Green, M.C. Hersam, L. Novotny, and A. Hartschuh, *Nano Lett.* 8(5) (2008), pp. 1363–1367.
- [388] N. Anderson, A. Hartschuh, and L. Novotny, *Nano Lett.* 7(3) (2007), pp. 577–582.
- [389] L.G. Cançado, A. Hartschuh, and L. Novotny, *J. Raman Spectrosc.* 40(10) (2009), pp. 1420–1426.
- [390] C.H. Park, L. Yang, Y.W. Son, M.L. Cohen, and S.G. Louie, *Nat. Phys.* 4(3) (2008), pp. 213–217.
- [391] A. Jorio, C. Fantini, M.A. Pimenta, D.A. Heller, M.S. Strano, M.S. Dresselhaus, Y. Oyama, J. Jiang, and R. Saito, *Appl. Phys. Lett.* 88(2) (2009), p. 23109.
- [392] Y.-M. Lin, C. Dimitrakopoulos, K.A. Jenkins, D.B. Farmer, H.-Y. Chiu, A. Grill, and Ph. Avouris, *Science* 327(5966) (2010), p. 662.