

Vincenzo Fiorentini
Publication List
(updated : Oct 2020)

A – Books [3], edited books [2] and Special Issues [3]

1. **V. Fiorentini** and P. Alippi
Fondamenti di fisica dei solidi
(in preparation, 2019)
2. **V. Fiorentini** and F. Ricci
Fondamenti di fisica computazionale
(in preparation, 2019)
3. **V. Fiorentini** and M. B. Maccioni
Appunti di fisica generale: elettromagnetismo
(in preparation, 2019)
4. **V. Fiorentini** and F. Meloni (eds.), *Advances in Computational Materials Science* (Società Italiana di Fisica, Bologna 1997), 119 pages.
5. **V. Fiorentini** and F. Meloni (eds.), *Advances in Computational Materials Science – II* (Società Italiana di Fisica, Bologna 1998), 122 pages.
6. **V. Fiorentini**, F. Meloni, and P. Ruggerone, guest editors: *Computational Materials Science IX*, *Comput. Mat. Sci.* **20**, Nos. 3-4 (2001).
7. P. Ruggerone, **V. Fiorentini**, and F. Meloni, guest editors: *Computational Materials Science X*, *Comput. Mat. Sci.* **22**, Nos. 3-4 (2002).
8. P. Ruggerone, **V. Fiorentini**, and F. Meloni, guest editors: *Computational Materials Science*, *Comput. Mat. Sci.* **30**, Nos. 1-2 (2004).

B – Papers on peer-reviewed international journals [131]

1. **V. Fiorentini** and A. Baldereschi:
Interpretation of double acceptor spectra in Ge,
Solid State Commun. **69**, 953-958 (1989).
2. **V. Fiorentini**:
Self-consistent DFT calculations of electronic states in superlattices and quantum wells with arbitrary compositional and doping profiles,
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3. **V. Fiorentini**:
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4. **V. Fiorentini** and A. Baldereschi:
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5. **V. Fiorentini**:
A note on ab-initio semiconductor band structures,
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6. **V. Fiorentini**, M. Methfessel and M. Scheffler:
Electronic and structural properties of GaN by the full-potential LMTO method: the role of the d electrons,
Phys. Rev. B **47**, 13353-13362 (1993).
7. **V. Fiorentini**, M. Methfessel and M. Scheffler:
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8. S. Oppo, **V. Fiorentini** and M. Scheffler:
Theory of adsorption and surfactant effect of Sb on Ag (111),
Phys. Rev. Lett. **71**, 2437-2440 (1993).
9. **V. Fiorentini**, S. Oppo, and M. Scheffler:
Towards an understanding of surfactant action on the epitaxial growth of metals: the case of Sb on Ag (111),
Appl. Phys. A **60**, 399-402 (1995).
10. **V. Fiorentini**:
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Phys. Rev. B **51**, 10161-10163 (1995).
11. **V. Fiorentini** and A. Baldereschi:
Dielectric scaling of the self-energy scissor operator in semiconductors and insulators,
Phys. Rev. B **51**, 17196-17198 (1995).
12. A. Bosin, **V. Fiorentini**, A. Lastri and G. B. Bachelet:
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Phys. Rev. A **52**, 236-257 (1995).
13. **V. Fiorentini** and M. Methfessel:
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14. **V. Fiorentini**, D. Fois and S. Oppo:
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15. A. Filippetti and **V. Fiorentini**:
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16. F. Bernardini, **V. Fiorentini**, and A. Bosin:
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17. C. M. Carbonaro, **V. Fiorentini**, and S. Massidda:
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18. F. Bernardini, **V. Fiorentini**, and D. Vanderbilt:
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19. F. Bernardini, **V. Fiorentini**, and D. Vanderbilt:
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20. F. Bernardini and **V. Fiorentini**:
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21. S. Oppo and **V. Fiorentini**:
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22. F. Bernardini and **V. Fiorentini**:
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23. A. Filippetti, **V. Fiorentini**, G. Cappellini, and A. Bosin:
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24. A. Fara, F. Bernardini, and **V. Fiorentini**:
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25. U. Hansen, P. Vogl, and **V. Fiorentini**:
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26. A. Filippetti, **V. Fiorentini**, G. Cappellini, and A. Bosin:
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32. M. Methfessel, **V. Fiorentini**, and S. Oppo:
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33. A. Filippetti and **V. Fiorentini**:
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36. F. Bernardini and **V. Fiorentini**:
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37. F. Bernardini, M. Peressi, and **V. Fiorentini**:
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49. C. M. Carbonaro, **V. Fiorentini**, and F. Bernardini:
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50. **V. Fiorentini** and G. Gulleri:
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51. **V. Fiorentini**:
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54. G. M. Lopez and **V. Fiorentini**:
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