

ALESSANDRA CONTINENZA

Publication List

Publications on International Journals

1. A. Continenza and F. Lucari: *Electronic structure of ferromagnetic alloy MnPt₃ by SAPW method.*
IEEE Transactions on Magnetics **19**, 1989 (1983).
2. A. Continenza, S. Massidda and A.J. Freeman: *Structural and electronic properties of bulk ZnSe.*
Phys. Rev. **B38**, 12996 (1988).
3. A. Continenza, S. Massidda and A.J. Freeman: *Structural, electronic and magnetic properties of metal/semiconductor superlattices: Fe/ZnSe (001).*
J. Magn. Magn. Mat. **78**, 195 (1989).
4. S. Massidda, A. Continenza, A.J. Freeman, T.M. De Pascale, F. Meloni, M. Serra: *Structural and electronic properties of the binary semiconductors InP, InAs and InSb.*
Phys. Rev. **B41**, 12079 (1990).
5. A.J. Freeman, A. Continenza, J. Grossman, S. Massidda: *Structural and Electronic Properties and possible superconductivity in simple cubic Fe.*
Physica **C166**, 317 (1990).
6. A. Continenza, S. Massidda and A.J. Freeman: *Stability and electronic properties of InAs/InP strained superlattices.*
Phys. Rev. **B41**, 12013 (1990).
7. A. Continenza, R.M. Wentzcovitch, A.J. Freeman: *Theoretical investigation of graphitic BeO.*
Phys. Rev. **B41**, 3540 (1990).
8. A. Continenza, S. Massidda and A.J. Freeman: *Local Density Theory of Valence Band Offset in Strained Superlattices: (InAs)_n/(InP)_n (001).*
Phys. Rev. **B42**, 3469 (1990).
9. A. Continenza, S. Massidda and A.J. Freeman: *Metal-Semiconductor Interfaces: Magnetic and Electronic Properties and Schottky Barrier in Fe_n/(ZnSe)_m (001) Superlattices.*
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10. A.J. Freeman, A. Continenza and C. Li: *Structural, Electronic and Magnetic Properties of Superlattices and Interfaces*.
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11. A. Continenza and A.J. Freeman: *Structural and Electronic Properties of α -Sn, CdTe and their (001) Superlattices*.
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12. D.A. Fischer, R.M. Wentzcovitch, R.G. Carr, A. Continenza and A.J. Freeman: *Graphitic interlayer states: a Carbon near-edge x-ray absorption fine-structure study*.
Phys. Rev. **B 44**, 1427 (1991).
13. A. Continenza and P. Monachesi: *Electronic Properties of isostructural intermetallics of Ce*.
J. Magn. Magn. Mater. **104-107**, 1308 (1992).
14. A. Continenza and A.J. Freeman: *Band Lineup and Electric Fields in $(\alpha - \text{Sn})_m/(\text{CdTe})_n$ (001) and (110) Superlattices*.
Phys. Rev. **B45**, 5953 (1992).
15. A. Continenza and P. Monachesi: *Volume effects on the magnetic properties of cubic isostructural intermetallics of Ce*.
Phys. Rev. **B46**, 6217 (1992)
16. A. Continenza, S. Massidda, A.J. Freeman, T.M. De Pascale, F. Meloni and M. Serra: *Structural and Electronic Properties of Narrow Gap ABC₂ Chalcopyrite Semiconductor*.
Phys. Rev. **B46**, 10070 (1992).
17. P. Monachesi and A. Continenza: *Effect of composition on the Anderson hybridisation in ternary cubic alloy of Ce*.
Nuovo Cimento D **15**, 307 (1993).
18. P. Monachesi and A. Continenza: *Magnetic instabilities in Ce compounds: effect of pressure and chemical substitutions*
Phys. Rev. **B47**, 14622 (1993) (Rapid Comm.).
19. P. Monachesi, L.C. Andreani, A. Continenza, A.K. McMahan: *Volume dependence of Anderson hybridisation in cubic CeCd and CeAg*.
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20. A. Di Pomponio, A. Continenza: *Structural properties of α -quartz under high pressure and amorphization effects.*
Phys. Rev. **B48**, 12558 (1993).
21. A. Continenza, T. de Pascale, F. Meloni and M. Serra: *A FLAPW Study of an unusual half-magnetic material: PtMnSb.*
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22. A. Continenza, T. de Pascale, F. Meloni and M. Serra: *Electronic and Magnetic Properties of the Spinel Semiconductor $CdCr_2Se_4$.*
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23. A. Continenza and P. Monachesi: *Magnetization Density in URu_2Si_2 and URh_2Si_2 .*
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25. A. Continenza and S. Massidda *Electronic Properties and Valence Band Offset of strained ZnTe/CdTe (001) superlattices.*
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33. A. Continenza and P. Monachesi, M. Galli, F. Marabelli and E. Bauer: *Theoretical investigation of optical conductivity of YbCu₄Ag and YbCu₄Au* Journ. of Appl. Phys. **79**, 6423-5 (1996).
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43. S. Massidda, A. Continenza, M. Posternak and A. Baldereschi: *Self-energy corrections in transition metal oxides*
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66. Yu-Jun Zhao, S. Picozzi, A. Continenza, W. T. Geng and A. J. Freeman: *Possible impurity-induced ferromagnetism in II-Ge-V₂ chalcopyrite semiconductors*
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90. S. Picozzi, A. Continenza, and A. J. Freeman *First-principles characterization of ferromagnetic Mn_5Ge_3 for spintronic applications*
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