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$$c^2 = a^2 + b^2. \quad (1)$$

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References

- [1] Dj.M. Maric, P.F. Meier and S.K. Estreicher: Mater. Sci. Forum Vol. 83-87 (1992), p. 119
- [2] M.A. Green: *High Efficiency Silicon Solar Cells* (Trans Tech Publications, Switzerland 1987).
- [3] Y. Mishing, in: *Diffusion Processes in Advanced Technological Materials*, edited by D. Gupta Noyes Publications/William Andrew Publishing, CityplaceNorwich, StateNY (2004), in press.
- [4] G. Henkelman, G.Johannesson and H. Jönsson, in: *Theoretical Methods in Condensed Phase Chemistry*, edited by S.D. Schwartz, volume 5 of *Progress in Theoretical Chemistry and Physics*, chapter, 10, Kluwer Academic Publishers (2000).
- [5] R.J. Ong, J.T. Dawley and P.G. Clem: submitted to *Journal of Materials Research* (2003)
- [6] P.G. Clem, M. Rodriguez, J.A. Voigt and C.S. CityplaceAshley, country-regionU.S. Patent 6,231,666. (2001)
- [7] Information on <http://www.weld.labs.gov.cn>