

REFERENCES

1. Luque A, *Solar Power*, Notes of the Cycle d'études de Postgrade en Energie, 5–12, EPFL (2001–2003).
2. Maycock P, *Photovolt. News* **20** (2), 1 (2001).
3. Turton R, “Band Structure of Si: Overview”, in Hull R (Ed), *Properties of Crystalline Silicon*, INSPEC, Stevenage, UK (1999).
4. Green M, Keevers M, *Prog Photovolt.* **3**, 189–192 (1995).
5. Kolodinski S, Werner J, Wittchen T, Queisser H, *Appl. Phys. Lett.* **63**, 2405–2407 (1993).
6. Clugston D, Basore P, *Prog. Photovolt.* **5**, 229–236 (1997).
7. Sproul A, Green M, *J. Appl. Phys.* **70**, 846–854 (1991).
8. Altermatt P *et al.*, *Proc. 16th Euro. Conf. Photovoltaic Solar Energy Conversion*, 102–105 (2000).
9. Dziewior J, Schmid W, *Appl. Phys. Lett.* **31**, 346–351 (1977).
10. Altermatt P *et al.*, *Proc. 16th Euro. Conf. Photovoltaic Solar Energy Conversion*, 243–246 (2000).
11. Green M *et al.*, *Nature* **412**, 805–808 (2001).
12. Thurber W, Mattis R, Liu Y, Filliben J, *J. Electrochem. Soc.* **127**, 1807–1812 (1980).
13. Thurber W, Mattis R, Liu Y, Filliben J, *J. Electrochem. Soc.* **127**, 2291–2294 (1980).
14. Kane D, Swanson R, *Proc. 20th IEEE Photovoltaic Specialist Conf.*, 512–517 (1988).
15. Sze S, *Physics of Semiconductor Devices*, Chap. 5, John Wiley & Sons, New York (1981).
16. King R, Sinton R, Swanson R, *IEEE Trans. Electron Devices* **37**, 1399–1409 (1990).
17. King R, Swanson R, *IEEE Trans. Electron Devices* **38**, 365–371 (1991).
18. Narasimha S, Rohatgi A, Weeber A, *IEEE Trans. Electron Devices* **46**, 1363–1370 (1999).
19. Honsberg C *et al.*, *Proc. 16th Euro. Conf. Photovoltaic Solar Energy Conversion*, 1655–1658 (2000).
20. Grauvogl M, Hezel R, *Prog. Photovolt.* **6**, 15–24 (1998).
21. Gan J, Swanson R, *Proc. 21st IEEE Photovoltaic Specialist Conf.*, 245–250 (1990).
22. Taguchi M *et al.*, *Prog. Photovolt.* **8**, 503–514 (2000).
23. Cuevas A, Basore P, Giroult-Matlakowski G, Dubois C, *Proc. 13th Euro. Conf. Photovoltaic Solar Energy Conversion*, 337–342 (1995).
24. Cuevas A, Stuckings M, Lay J, Petracic M, *Proc. 14th Euro. Conf. Photovoltaic Solar Energy Conversion*, 2416–2419 (1997).
25. Aberle A, *Prog. Photovolt.* **8**, 473–488 (2000).
26. Aberle A, Hezel R, *Prog. Photovolt.* **5**, 29–50 (1997).
27. Eades W, Swanson R, *J. Appl. Phys.* **58**, 4267–4276 (1985).
28. Aberle A, Glunz S, Warta W, *Sol. Energy Mater. Sol. Cells* **29**, 175–182 (1993).
29. Luque A, “The Requirements of High Efficiency Solar Cells”, in Luque A, Araújo G (Eds), *Physical Limitations to Photovoltaic Energy Conversion*, 1–42, Adam Hilger Ltd, Bristol (1990).
30. Green M, *Silicon Solar cells. Advanced Principles and Practice*, Chap. 7, Centre for Photovoltaic Devices and Systems, University of New South Wales, Sydney (1995).
31. Tiedje T, Yablonovitch E, Cody G, Brooks B, *IEEE Trans. Electron Devices* **31**, 711–716 (1984).
32. 5th Framework Programme EC Project ERK5-1999-00002 “High efficiency silicon solar cells concentrator (HISICON)”.
33. Verlinden P *et al.*, *Proc. 14th Euro. Conf. Photovoltaic Solar Energy Conversion*, 96–100 (1997).
34. Ohtsuka H, Sakamoto M, Tsutsui K, Yazawa Y, *Prog. Photovolt.* **8**, 385–390 (2000).
35. Luque A, Ruiz J, Cuevas A, Agost M, *Proc. 1st Euro. Conf. Photovoltaic Solar Energy Conversion*, 269–277 (1977).
36. Zhao J, Wang A, Green M, *Prog. Photovolt.* **7** 471–474 (1999).
37. Saitoh T, Hashigami H, Rein S, Glunz S, *Prog. Photovolt.* **8** 535–547 (2000).
38. Myers S, Seibt M, Schröter W, *J. Appl. Phys.* **88** 3795–3819 (2000).