

7. Anhang

7.1 Literaturverzeichnis

- Aberle 92 A. G. Aberle, S. Glunz, W. Warta,
Journal of Applied Physics, 71 (1992), 4422
- Aberle 95 A. G. Aberle, T. Lauinger, J. Schmidt, R. Hezel
Applied Physics Letters, 66 (1995), 2828
- Aberle 96 A. G. Aberle, J. Schmidt, R. Brendel,
Journal of Applied Physics, 79 (1996), 1491
- Baden Fuller 90 A. J. Baden Fuller, „Microwaves: An Introduction to Microwave
Theory and Techniques“, Pergamon Press (1990)
- Balk 88 P. Balk, „The Si – SiO₂ System“, Elsevier (1988)
- Brattain 53 W. H. Brattain, J. Bardeen,
The Bell System Technical Journal, 32 (1953), 1
- Brendel 95a R. Brendel, Applied Physics A, 60 (1995), 523
- Brendel 95b R. Brendel, M. Wolf, 13th European Photovoltaic Solar Energy
Conference (1995), 428
- Bruns 93 J. Bruns, Dissertation, Fachbereich Elektrotechnik der
TU Berlin (1993)
- Cuevas 97 A. Cuevas, R. A. Sinton, Progress in Photovoltaics:
Research and Applications, 5 (1997), 79
- De Visschere 86 P. De Visschere, Solid-State Electronics, 29 (1986), 1161
- Elmiger 97a J. R. Elmiger, Dissertation,
Fachbereich Physik der FU Berlin (1997)
- Elmiger 97b J. R. Elmiger, R. Schieck, M. Kunst,
Journal of Vacuum Science and Technology A, 15 (1997), 2418
- Engl 83 W. L. Engl, H. K. Dirks, B. Meinerzhagen,
Proceedings of the IEEE, 71 (1983), 10
- Fonash 81 S. J. Fonash, „Solar Cell Device Physics“, Academic Press (1981)
- Frankl 65 D. R. Frankl, Surface Science, 3 (1986), 101

- Füssel 96 W. Füssel, M. Schmidt, H. Angermann, G. Mende, H. Flietner, Nuclear Instruments & Methods in Physics Research A, 377 (1996), 177
- Fujihira 93 C. Fujihira, M. Morin, H. Hashizume, J. Friedt, Y. Nakai, M. Hirose, Japanese Journal of Applied Physics, 32 (1993), 1362
- Garrett 55 C. G. B. Garrett, W. H. Brattain, Physical Review, 99 (1955), 376
- Gaubas 96 E. Gaubas, J. Vanhellefont, Journal of Applied Physics, 80 (1996), 6293
- Gaubas 97 E. Gaubas, A. Kaniava, J. Vaitkus, Semiconductor Science and Technology, 12 (1997), 1
- Girisch 88 R. P. M. Girisch, R. B. Mertens, R. F. De Keersmaecker IEEE Transactions on Electron Devices, 35 (1988), 203
- Glunz 94 S. W. Glunz, A. B. Sproul, W. Warta, W. Wettling, Journal of Applied Physics, 75 (1994), 1611
- Goetzberger 94 A. Goetzberger, B. Voß, J. Knobloch, „Sonnenenergie: Photovoltaik“, Teubner (1994)
- Green 90 M. A. Green, Journal of Applied Physics, 67 (1990), 2944
- Green 95 M. A. Green, M. J. Keevers, Progress in Photovoltaics: Research and Applications, 3 (1995), 189
- Gummel 64 H. K. Gummel, IEEE Transactions on Electron Devices, 11 (1964), 455
- Hack 83 M. Hack, M. Shur, Journal of Applied Physics, 54 (1983), 5858
- Hall 51 R. N. Hall, Physical Review, 83 (1951), 228
- Hilleringmann 96 U. Hilleringmann, „Silizium-Halbleitertechnologie“, Teubner (1996)
- Jackson 75 J. D. Jackson, „Classical Electrodynamics“, John Wiley & Sons (1975)
- Kern 70 W. Kern, D. A. Puotinen, RCA Review, 31 (1970), 187
- Kern 90 W. Kern, Journal of the Electrochemistry Society (1990), 1887
- Kölzow 95 C. Kölzow, Diplomarbeit, Fachbereich Physik der FU Berlin (1995)
- Kolodinski 94 S. Kolodinski, J. H. Werner, H. J. Queisser, Solar Energy Materials and Solar Cells, 33 (1994), 275
- Kramer 95 M. Kramer, R. Schieck, M. Kunst, 13th European Photovoltaic Solar Energy Conference (1995), 451
- Kunst 86 M. Kunst, G. Beck, Journal of Applied Physics, 60 (1986), 3558
- Kunst 88 M. Kunst, G. Beck, Journal of Applied Physics, 63 (1988), 1093

-
- Kunst 92a M. Kunst, „Forschungsverbund Sonnenenergie: Themen 91/92“,
ISSN 0939-7582 (1992)
- Kunst 92b M. Kunst, A. Sanders,
Semiconductor Science and Technology, 7 (1992), 51
- Lauinger 96 T. L. Lauinger, J. Schmidt, A. G. Aberle, R. Hezel,
Applied Physics Letters, 68 (1996), 1232
- Macdonald 75 J. R. Macdonald, Journal of Applied Physics, 46 (1975), 4602
- Mock 83 M. S. Mock, „Analysis of Mathematical Models of Semiconductor
Devices“, Boole Press (1983)
- Mostarshed 96 S. Mostarshed, R. B. Darling,
Journal of Applied Physics, 79 (1996), 3115
- Mui 95 D. S. L. Mui, L. A. Coldren,
Journal of Applied Physics, 78 (1995), 3208
- Nicollean 82 E. H. Nicollean, J. R. Brews,
„MOS Physics and Technology“, John Wiley & Sons (1982)
- Ogita 96 Y.-I. Ogita, Journal of Applied Physics, 79 (1996), 6954
- Ostendorf 97 H.-C. Ostendorf, A. L. Endrös,
Applied Physics Letters, 71 (1997), 3275
- Otaredian 93a T. Otaredian, Solid-State Electronics, 36 (1993), 163
- Otaredian 93b T. Otaredian, Solid-State Electronics, 36 (1993), 905
- Paul 76 R. Paul, „Halbleiterdioden“, VEB Verlag Technik (1976)
- Poerschke 91 R. Poerschke, O. Madelung, „Data in Science and Technology:
Semiconductors“, Springer (1991)
- Rees 85 G. J. Rees, Solid-State Electronics, 28 (1985), 517
- Robinson 95 S. J. Robinson, S. R. Wenham, P. P. Altermatt, A. G. Aberle,
G. Heiser, M. A. Green,
Journal of Applied Physics, 78 (1995), 4740
- Scharfetter 69 D. L. Scharfetter, H. K. Gummel,
IEEE Trans. Electron Devices, 16 (1969), 64
- Schaumburg 91 H. Schaumburg, „Halbleiter“, Teubner (1991)
- Schieck 97 R. Schieck, M. Kunst, Solid-State Electronics 41 (1997), 1755
- Schmidt 97 J. Schmidt, A. G. Aberle,
Journal of Applied Physics, 81 (1997), 6186
- Schöfthaler 95 M. Schöfthaler, R. Brendel,
Journal of Applied Physics, 77 (1995), 3162

- Schönecker 96 A. Schönecker, J. A. Eikelboom, A. R. Burgers, P. Lölgen, C. Leguijt, W. C. Sinke, *Journal of Applied Physics*, 79 (1996), 1497
- Schuermans 97 F. M. Schuurmans, A. Schönecker, A. R. Burgers, W. C. Sinke, *Applied Physics Letters*, 71 (1997), 1795
- Selberherr 84 S. Selberherr, „Analysis and Simulation of Semiconductor Devices“, Springer (1984)
- Shaw 91 J. G. Shaw, M. Hack, P. G. LeComber, M. Willums, *Journal of Non-Crystalline Solids*, 137&138 (1991), 1233
- Shimura 89 F. Shimura, „Semiconductor Silicon Crystal Technology“, Academic Press (1989)
- Shockley 50 W. Shockley, „Electrons and Holes in Semiconductors“, Van Nostrand (1950)
- Shockley 52 W. Shockley, W. T. Read, *Physical Review*, 87 (1952), 835
- Simmons 71 J. G. Simmons, G. W. Taylor, *Physical Review B*, 4 (1971), 502
- Sinton 96 R. A. Sinton, A. Cuevas, *Applied Physics Letters*, 69 (1996), 2510
- Sproul 91 A. B. Sproul, M. A. Green, *Journal of Applied Physics*, 70 (1991), 846
- Stephens 96 A. W. Stephens, M. A. Green, *Journal of Applied Physics*, 80 (1996), 3897
- Stöckmann 55 F. Stöckmann, *Zeitschrift für Physik*, 143 (1955), 348
- Swiatkowski 95 C. Swiatkowski, A. Sanders, K.-D. Buhre, M. Kunst, *Journal of Applied Physics*, 78 (1995), 1763
- Sze 81 S. M. Sze, „Physics of Semiconductor Devices“, John Wiley & Sons (1981)
- Taylor 72 G. W. Taylor, J. G. Simmons, *Journal of Non-Crystalline Solids*, 8-10 (1972), 940
- Van Roosbroeck 50 W. V. Van Roosbroeck, *Bell System Technical Journal*, 29 (1950), 560
- Wang 89 S. Wang, „Fundamentals of Semiconductor Theory and Device Physics“, Prentice Hall (1989)
- Watanabe 94 K. Watanabe, *Semiconductor Science and Technology*, 9 (1994), 370
- Watanabe 96 K. Watanabe, *Semiconductor Science and Technology*, 11 (1996), 1713
- Yan 97 Y. Yan, *Applied Physics Letters*, 71 (1997), 407