

## เอกสารอ้างอิง

- Agnew, P. (1992). *Nucl. Inst. Methods*, **B65**, 305.
- Al Ghamdi, A. and Townsend, P.D. (1990). *Nucl. Inst. Methods*, **B46**, 133.
- Allen, W.R. and Pedraza, D.F. (1991). *Nucl. Inst. Methods*, **B59/60**, 1159.
- Alves, E., da Silva, M.F., Soares, J.C., Monteiro, T., Soares, J. and Santos, L. (2000). *Nucl. Inst. Methods*, **B166-167**, 183.
- Aoki, Y., My, N.T., Yamamoto, S. and Naramoto, H. (1996). *Nucl. Inst. Methods*, **B114**, 276.
- Arnold, G.W., Kreffit, G.B. and Norris, C.B. (1974). *Appl. Phys. Lett.*, **25**, 540.
- Atuchin, V.V. (2000). *Nucl. Inst. Methods*, **B168**, 498.
- Bindner, P., Boudrioua, A., Moretti, P. and Loulergue, J.C. (1998). *Nucl. Inst. Methods*, **B142**, 329.
- Bohren, C.F. and Huffman, D.R. (1983). *Absorption and Scattering of Light by Small Particles*. (Wiley, New York).
- Bringa, E.M. and Johnson, R.E. (1998). *Nucl. Inst. Methods*, **B143**, 513.
- Cahill, T.A., MaAolm, D.W. and Kusko, B.H. (1986). *Nucl. Inst. Methods*, **B14**, 38.
- Cheng, Y., Abraham, M.M. and Pedraza, D.F. (1991). *Nucl. Inst. Methods*, **B59/60**, 1163.
- Curello, G., Gwilliam, R., Harry, M., Jackson, S. and Sealy, B.J. (1997). *Nucl. Inst. Methods*, **B129**, 377.
- Dalal, M.L., Rahmani, M. and Townsend, P.D. (1988). *Nucl. Inst. Methods*, **B32**, 61.
- Dana, E.S. (1957). *Dana's Textbook of Mineralogy (4<sup>th</sup> edition by Ford, W.E.)*. (Wiley, New York).
- Devanathan, R., Weber, W.J., Sickafus, K.E., Nastasi, M., Wang, L.M. and Wang, S.X. (1998). *Nucl. Inst. Methods*, **B141**, 366.
- Deer, W.A., FRS, Howie, R.A. and Zussman, J. (1992). *An Introduction to Rock-forming Minerals (2<sup>nd</sup> edition)*. (Wiley, New York).
- Essid, M., Brebner, J.L., Albert, J. and Awazu, K. (1998). *Nucl. Inst. Methods*, **B141**, 616.
- Flerov, A. and Flerov, V. (1998). *Nucl. Inst. Methods*, **B141**, 378.
- Fluck, D., Jundt, D.H., Günter, P., Fleuster, M. and Buchal, Ch. (1993). *J. Appl. Phys.*, **74**, 6023.
- Fukumi, K., Chayahara, A., Kitamura, N., Nishii, J., Kadono, K., Makihara, M., Fujii, K. and Hayashi, T., Matsumuro, A., Muramatsu, M., Kohzaki, M. and Yamaguchi, K. (2000). *Thin Solid Films*, **376**, 152.

- Hayes, W.A. and Stoneham, A.M. (1985). *Defect and defect Processes in Non-metallic Solids* (Wiley, New York).
- Henderson, B. (1972). *Defects in Crystalline Solids*. (Edward Arnold, London).
- Holland, O.W., Sjoreen, T.P., Fathy, D. and Narayan, J. (1984). *Appl. Phys. Lett.*, **45**, 1081.
- Hughes, R.W. (1997). *Ruby & Sapphire* (RWH Publishing, Boulder).
- Hughes, R.W. (1991). *Ruby & Sapphire* (White Lotus, Bangkok).
- Hummel, R.E. (1993). *Electronic Properties of Materials (2<sup>nd</sup> edition)*. (Springer-Verlag, Berlin).
- Hurlbut, C.S., JR. and Kammerling, R.C. (1991). *Gemology (2<sup>nd</sup> edition)*. (Wiley, New York).
- Katano, Y., Hojou, K., Nakazawa, T., Aruga, T., Yamaki, D. and Noda, K. (1998). *Nucl. Inst. Methods*, **B141**, 411.
- Matveev, A.N. (1988). *Optics*. (Mir Publishers, Moscow).
- Mayer, W.J., Eriksson, L. and Davies, J.A. (1970). *Ion Implantation in Semiconductors* (Academic Press, New York).
- McHargue, C.J., Alves, E., da Silva, M.F. and Soares, J.C. (1999). *Nucl. Inst. Methods*, **B148**, 730.
- McHargue, C.J., Farlow, G.C., Lewis, M.B. and Williams, J.M. (1987). *Nucl. Inst. Methods*, **B19/20**, 809.
- McHargue, C.J., Farlow, G.C., White, C.W., Appleton, B.R. and Angelini, P. (1985). *Nucl. Inst. Methods*, **B10/11**, 569.
- Mills, A.F. (1995). *Heat and Mass Transfer*. (Irwin, Chicago).
- Miyano, T., Matsumae, T., Yoko-o, H., Andoh, Y., Kiuchi, M. and Satou, M. (1991). *Nucl. Inst. Methods*, **B59/60**, 1167.
- Nakao, S., Saitoh, K., Ikeyama, M., Niwa, H., Tanemura, S., Miyagawa, Y., Miyagawa, S., Tazawa, Nakamura, S. (1991). *Applied Numerical Methods with Software*. (Prentice-Hall, New Jersey).
- Naramoto, H., White, C.W., Williams, J.M., Mchargue, C.J., Holland, O.W., Abraham, M.M. and Appleton, B.R. (1982). *J. Appl. Phys.*, **54**, 683.
- Nassau, K. (1983). *The Physics and Chemistry of Color : The Fifteen Causes of Color*. (Wiley, New York).
- Nassau, K. (1984). *Gemstone Enhancement*. (Butterworths, Kent).
- Nussbaum, A. and Phillips, R.A. (1976). *Contemporary Optics for Scientists and Engineers*. (Prentice-Hall, New Jersey).
- Oñate, J.I., Alonso F. and García, A. (1998). *Thin Solid Films*, **317**, 471.
- Read, P.G. (1991). *Gemology*. (Butterworth-Heinemann, Oxford).

- Songsiriritthigul, P. (1997). PhD Thesis, Göteborg and Chalmers.
- Szenes, G. (1996). *Nucl. Inst. Methods*, **B116**, 141.
- Timans, P.J., McMahon, R.A. and Ahmed, H. (1989). *J. Appl. Phys.*, **66**, 2285.
- Townsend, P.D., Chandler, P.J. and Zhang, L. (1994). *Optical Effects of Ion Implantation* (Cambridge University Press, Cambridge).
- Tsyganov, I., Weiser, E., Matz, W., Mücklich, A., Reuther, H., Pham, M.T. and Richter, E. (2000). *Thin Solid Films*, **00**, 188.
- Valasek, J. (1963). *Introduction to Theoretical and Experimental Optics*. (Wiley, New York).
- Vilaithong, T., Yu, L.D., Vichaisirimongkol, P., Rujijanagul, G. and Sonkaew, T. (1999). *Nucl. Inst. Methods*, **B148**, 830.
- White, C.W., McHargue, C.J., Sklad, P.S., Boatner, L.A. and Farlow, G.C. (1989). *Materials Science Report 4*. (North-Holland, Amsterdam).
- Zhang, A., Cheng, J., Shi, W. and Liu, Z. (2000). *Nucl. Inst. Methods*, **B169**, 43.
- Zhang, T., Wu, Y., Zhang, H., Deng, Z., Zhou, G., Liang H., Ma, F., Zhang, X. and Wang, X. (2000). *Nucl. Inst. Methods*, **B169**, 112.
- Zhou, W. and Sood, D.K. (1991). *Nucl. Inst. Methods*, **B59/60**, 1195.