



UNIVERSITAS
 GADJAH MADA
DAFTAR PUSTAKA

- Berberich, F., Matz, W., Richter, E. dan Schell, N., 2001, "***In Situ Study of Phase Transformation Mechanical Degradation of Nitrogen Implanted Ti-6Al 4V Alloys***", Project-Group ESRF-Bemline (ROBL-CRG), FZR-332.
- Dresesael, M. S. and Kalish, R., 1992, "***Ion Implantation in Diamond, Graphite and Related Materials***", Springer-Verlag, Berlin.
- Ekberg, A., 1997, "***Wear***", Dep. Of Solid Mechanics, Chalmers University of Technology.
- Faraq, M. M., 1997, "***Material selection for engineering Design***", Prentice Hall, London, hal 82.
- Granata, R. D. and Moore, P. G., 1986, "***Surface Modification in Metal Hand Book 9th Edition***", Vol 6, American Society for Metal, Park Ohio.
- Ghoranneviss, M., Shokouhy, A., Haji Hosseini Gazesatni, S. H., Sari, A. H. dan Hantehzadeh, M. R., 2005, "***Surface Modification of AISI 304 Stainless Steel Using Nitrogen Ion Implantation***", XXVIIth ICPIG, Eindhoven, the Netherlands.
- Hamrock, B. J. dan Dowson, D., 1981, "***Ball Bearing Lubrication The Elastohydrodynamics of Elliptical Contact***", John Wiley & sons, Canada.
- Hutchings, I. M., 1992, "***Tribology Friction and Wear of Engineering Materials***", London.
- Kenji, F., Koichiro, W., Kazuo, U. dan Tadashi, S., 2004, "***Preparation of Highly Adhesive Diamond-Like Carbon Films by Plasma CVD Combined with Ion Implantation***", IHI Engineering Review, Vol 37, No 1.
- Moller, W. dan Mukherjee, S., 2002, "***Plasma-based Ion Implantation***", Current Science, Vol 83, No 3.
- Oh, J. C., Lee, S. dan Golkovski, M. G., 2001, "***Improvement of the Hardness and Wear Resistance of (TiC, TiN)/Ti-6Al-4V Surface-Alloyed Materials Fabricated by High-energy Electron-beam Irradiation***", Material and Meatalurgy Transaction, 2995.
- Olander, D. R., 1976, "***Fundamental Aspects of Nuclear Reactor Fuel Elements***". TID-26711-PI



Pengaruh implantasi ion nitrogen terhadap kekerasan dan keausan bahan ring bantalan bola
 PENRANTO, J. M. Mani Gal, M. Edg, 2006, "**Load and Sliding Velocity Effect in Dry Sliding Wear Behavior of CuZnAl Shape Memory Alloys**", Metallurgical and Materials Transactions A, Volume 37A, No 1175.

Ryssel, H., dan Ruge, I., 1986, "**Ion Implantation**", John Willey and Sons, New York.

Shen, L. R., Wang, K., Tie, J., Tong, H. H., Chen, Q. C., Tang, D. L., Fu, R. K. Y., dan Chu, P. K., 2005, "**Modification of High-chromium Cast Iron Alloy by N and Ti Ion Implantation**", Surface & Coating Technology, Elsevier, pp 196, 349-352.

Smith, W. F., 1993, "**Structure and Properties of Engineering Alloy**", second edition, McGraw-Hill, inc.

Soekrisno, 2004, "**Perbandingan Kekerasan Struktur Mikro Dan Komposisi Kimia Bantalan Bola Produk Jepang Dan China**", Jurnal Mesin dan Industri, Vol 1, No 3, Hal. 9-14

Sudibyo, C., 2001, "**Pengaruh Dosis Dan Energi Implantasi Ion Karbon Terhadap Kekerasan Permukaan Baja W 302**", Tesis, Universitas Gadjah Mada.

Tan, L., Dodd, R. A. dan Crone, W. C., 2003, "**Corrosion and Wear – corrosion behavior of NiTi modified by Plasma Source Ion Implantation**", Elsevier, 3931 – 3939.

Ueda, M., Gomes, F. G., Kostov, K. G., Reuther, H., Lepiensi, C. M., Soares jr, P. C., Takai, O. dan Silva, M. M., 2004, "**Result from Experiments on Hybrid Plasma Immersion Ion Implantation/Nitriding Processing of Materials**", Brazilian Journal of Physics, Vol 34, No 4B.

Zeng, Z. M., Tian, X. B. dan Chu, P. K., 2003, "**Ion Enhanced Deposition by Dual Titanium and Acetylene Plasma Immersion ion Implantation**", Journal Vacuum Science Tecnology, A 21.

Ziegler, J. F., 1985, "**The Stopping and Range Ion in Solid**", Vol 1, Academic Press, N.Y.

(), 1978, "**Ogoshi High Speed Universal Wear Testing Machine (Type OAT-U)**", Instruction Manual, Jepang.