

DAFTAR PUSTAKA

- Ahn, S.H., Choi Y.S., Kim J.G., Han J.G.,” A study on corrosion resistance characteristics of PVD Cr-N coated steels by electrochemical method”, *Surface and Coatings Technology* 150 (2002) 319–326.
- ASM Committee, “*ASM Handbook Volume 8-Mechanical Testing and Evaluation*”, ASM International, 2000.
- ASM Committee, “*ASM Handbook volume 18-Friction, Lubrication, and Wear Technology*”, ASM International, 1992.
- Bothra, S., H. Sur, V. Liang., “A new failure mechanism by corrosion of tungsten in a tungsten plug process”, *Microelectronics Reliability* 39 (1999) 59-68.
- Cabrera, G., Caicedo J., Amaya C., Yate L., Munoz S., Prieto P.,” enhancement of mechanical and tribological properties in aisi d3 steel substrate by using a non-isostructural CrN/AlN multilayer coating”, *material chemistry and physics* 125 (2011) 576-586.
- Cahyanto, A., “*Biomaterial*”, Bandung, 2009.
- Choi, E. Y., Myung C. K., Dong H. K., Dong W. S., Kwang H. K.,” Comparative studies on microstructure and mechanical properties of CrN, Cr–C–N and Cr–Mo–N coatings”, *Journal of Materials Processing Technology* 187–188 (2007) 566–570.
- Darwis, D., Abbas, B., “*Aplikasi Isotop dan Radiasi dalam Pembuatan dan Pengembangan Bahan Biomaterial untuk keperluan Klinis*”, Pusat Aplikasi Teknologi Isotop dan Radiasi – BATAN, 2010.
- Dobrzanski, L.A., Polok, M., Panjan, P., Bugliosi, S., Adamiak, M.,” Improvement of Wear Resistance of Hot Work Steels by PVD Coatings Deposition”, *Journal of Materials Processing Technology* 155–156 (2004) 1995–2001.
- Ferreira, J.A.M., Costa, J.D.M., Lapat.,” Fatigue Behaviour of 42Cr Mo4 Steel with PVD Coating”, *Int. J. Fatigue* Vol. 19, No. 4, pp. 293-299, 1997
- Gachon, Y., Ienny, P., Forner, A., Farges, G., Sainte Catherine, M.C., Vannes, A.B., “Erosion by Solid Particles of W/W–N Multilayer Coatings Obtained by PVD Process”, *Surface and Coatings Technology* 113 (1999) 140–148.

- Grainger, S., "Engineering Coating—design and application", Abington Publishing, Cambridge, 1989.
- Haidir, A., Husna Al Hasa., Yatno Dwi Agus., "Aplikasi Metode Elektrokimia Untuk Pengukuran Laju Korosi Paduan Alfeni", Bidang Bahan Bakar Nuklir PTBN-BATAN, 2007.
- Harlim, P., Carlsson, Bexell, Olsson, "Influence of surface roughness of PVD coatings on tribological performance in sliding contacts", Journal of Surface & Coatings Technology 201 (2006) 4253–4259.
- Hetal, S., Vipin, C., Jayaganthan, Davinder, K., "Microstructural Characterizations and Hardness Evaluation of DC Reactive Sputtered CrN Thin Films on Stainless Steel Substrate", indian academy of sciences (2010) 103-110.
- Hutchings, I.M., "Tribology friction and wear of engineering Materials", London, Sydney, auckland, 1992.
- Khrisna, V.B., Amit Bandyopadhyay, "Surface Modification of AISI 410 Stainless Steel Using Laser Engineered Net Shaping (LENS)", Journal of Material and Design 30 (2009) 1490-1496.
- Kreines, L., Halperin, G., Etsion, I., Varenberg, M., Hoffman, A., Akhvlediani, R., "Fretting Wear of Thin Films Deposited on Steel Substrates", 2004.
- Lee, W.S., Chi, F. L., Sen, T. C., "Plastic Flow of Tungsten-Based Composite Under Hot Compression", Journal of Materials Processing Technology 100 (2000) 123-130.
- Purandare, Y., M.M. Stack, P. Hovsepian., "A Study of The Erosion–Corrosion of PVD CrN/NbN Superlattice Coatings in Aqueous Slurries", Wear 259 (2005) 256–262.
- Ratner, B.D., dkk., "Biomaterial Science—An Introduction to Materials Medicine", Academic Press, San Diego, 1996.
- Shishkov, R., I. Dermendjiev, M. Peev, W. Kwaśny, A. Križ., "(Cr, Me)N coatings deposited in a vacuum furnace by magnetron sputtering of a ferrochromium alloy", Journal of Materials Processing Technology 157–158 (2004) 410–414.
- Sofyan, R., "Aplikasi Teknik Nuklir untuk Kesehatan Manusia", Pusat Pengkajian Teknologi Nuklir-BA TAN, Jakarta, 1995.

Stachowiak, G.W., Batchelor, A.W., "Engineering Tribology," Butterworth-Heinemann.

Tan, L., Crone, W.C., Wilson, E.H., Sridharan, K., "Experimental Investigation of the Wear Behavior in Surface Modified NiTi", University of Wisconsin, USA.

Yan-Zuo Tsai., Jenq-Gong Duh., "Tribological behavior of CrAlSiN/W₂N multilayer coatings deposited by DC magnetron sputtering", Thin Solid Films 518 (2010) 7523–7526.

Wibowo, R.K.K., "Pengaruh Proses Perlakuan Panas Pada Baja Aisi 304 Terhadap Kekerasan Dan Laju Korosi Dalam Media Hcl (35%)", Senta, 2007.

Weber, Jan., "Medical Implant", 2010.