

DAFTAR REFERENSI

1. Wong, T.C., J.G. Webster, H.J. Montoye, dan R. Washburn. 1981. Portable accelerometer device for measuring human energy expenditure. *IEEE Trans. Biomed. Eng.* **28**(6): 467-471
2. Bouten, C.V.C., K.T.M. Koekkoek, M. Verduin, R. Kodde, dan J.D. Janssen. 1997. A triaxial accelerometer and portable data processing unit for the assessment of daily physical activity. *IEEE Trans. Biomed. Eng.* **44**(3): 136-147.
3. Greene, D.C. 2001. *Sensor technology and applications to a real-time monitoring system.* (Master Thesis) Civil and Environmental Engineering, Massachusetts Institute of Technology, USA
4. Chen, K.Y. dan M. Sun. 1997. Improving energy expenditure estimation by using a triaxial accelerometer. *J. Appl. Physiol.* **83**(6): 2112-2122.
5. Going, S.B., S. Levin, J. Harrell, D. Stewart, L. Kushi, C.E. Cornell, S. Hunsberger, C. Corbin dan J. Sallis. 1999. Physical activity assessment in American Indian schoolchildren in the Pathways study. *Am. J. Clin. Nutr.* **69**(4): 788-795.
6. Starling, R.D., P.A. Ades, dan E.T. Poehlman. 1999. Physical activity, protein intake, and appendicular skeletal muscle mass in older men. *Am. J. Clin. Nutr.* **70**: 91-96.
7. Wetzler, M.L., J.R. Borderies, O. Bigaignona, P. Guillo, dan P. Gosse. 2003. Validation of a two-axis accelerometer for monitoring patient activity during blood pressure or ECG holter monitoring. *Blood Pressure Monitoring.* **8**(6): 229-235.
8. Steele, B.G., B. Belza, K. Cain, C. Warms, J. Coppersmith, dan J.E. Howard. 2003. Bodies in motion: Monitoring daily activity and exercise with motion sensors in people with chronic pulmonary disease. *J. Rehabil. Research Develop.* **40**(5) Supplement 2: 45-58.
9. Verbunt, J.A., K.R. Westerterp, G.J. van der Heijden, H.A. Seelen, J.W. Vlaeyen, J.A. Knottnerus. 2001. Physical activity in daily life in patients with chronic low back pain. *Arch. Phys. Med. Rehabil.* **82**: 726-730.

10. Westerterp, K.R. 2003. Impacts of vigorous and non-vigorous activity on daily energy expenditure. *Proceedings of the Nutrition Society*. **62**:645-650.
11. Uiterwaal, M., E.B.C. Glerum, H.J. Busser dan R.C. van Lummel. 1998. Ambulatory monitoring of physical activity in working situations, a validation study. *J. Med. Eng. Tech.* **22**(4): 168-172.
12. Tsurumi, K., T. Itani, N. Tachi, T. Takanishi, H. Suzumura, dan H. Takeyama. 2002. Estimation of energy expenditure during sedentary work with upper limb movement. *J. Occup. Health*. **44**: 408-413.
13. Meijer, G.A.L., K.R. Westerterp, F.M.H. Verhoeven, H.B.M. Koper, dan F. ten Hoor. 1991. Methods to assess physical activity with special reference to motion sensors and accelerometers. *IEEE Trans. Biomed. Eng.* **38**(3): 221-229.
14. Indraswari, Septriawulan. 2004. Studi Awal Perancangan Perangkat Monitor Portable Aktivitas Pasien berbasis akselerometer ADXL202 Dengan menggunakan LabviewTM. Departemen Fisika FMIPA UI.
15. Hasugian, Rudy. 2007. Analisa Aktivitas Gerak Tubuh Dengan Akselerometer MMA7260Q Secara Wireless. Departemen Fisika FMIPA UI.
16. Fitriyah, Linda. 2007. Gerak aktivitas Pasien Berbasis Akselerometer MMA7260Q Dengan Menggunakan LabviewTM. Departemen Fisika FMIPA UI.
17. Weinber, H. 2002. *Using the ADXL202 in pedometer and personal navigation applications*. 8 hlm. Diunduh <http://www.analog.com/>, 10 Oktober 2007, pk. 01.00 WIB.
18. Tudor, Catrine & Locke. 2002. *Taking Steps Toward Increased Physical Activity: Using Pedometers to Measure and Motivate*. Departemen Of Exercise and Wellness Arizona State University. Seri 3, No 17.
19. Bravata, Dena M.; Smith-Spangler, Crystal; Sundaram, Vandana . 2007. Using Pedometers to Increase Physical Activity and Improve Health. *American Medical Association*. **298**(19):2296-2304.

20. Vanwormer, Jeffrey j. 2004. Pedometers and Brief E- Counseling : Increasing Physical Activity For Overweight Adults. Health Partners Center For Health Promotion. **37**, 421–425.
21. HSTA. 2003. *Understanding and Using MET Values*. http://www.wv-hsta.org/cdc_chc/walking_mets_table.htm, 4 Februari 2007, pukul. 11.26 WIB.
22. Haskell, W.L. dan M. Kiernan. 2000. Methodologic issues in measuring physical activity and physical fitness when evaluating the role of dietary supplements for physically active people. *Am. J. Clin. Nutr.* **72**(2): 541-550.
23. Liden, C.B., M. Wolowicz, J. Stivoric, A. Teller, S. Vishnubhatla, R. Pelletier, J. Farrington, dan S. Boehmke. 2004. *Benefits of the SenseWear™ armband over other physical activity and energy expenditure measurement techniques*. 14 hlm. www.apexfitness.com/armband/Benefits.pdf, 6 Desember 2004, pk. 20.57 WIB.
24. Kusuma Wijaya, Sastra.2006. *Diktat Kuliah Mikroelektronika*. Departemen Fisika FMIPA UI.
25. Novotny, M. *Silicon micro accelerometers*. 9 hlm. www.ad.tut.fi/aci/courses/7606010/pdf/Microaccelerometers.pdf, 10 Mei 2005, pk. 12.23 WIB.
26. Luo, H., G. Zhang, L.R. Carley, dan G.K. Fedder. 2002. A post-CMOS micromachined lateral accelerometer. *J. MEMS*. **11**(3): 188-195.
27. Accelerometers, 2005. *Practical Instrumentation Techniques*. Department of Mechanical Engineering, University of Bath.
28. Clifford, Michelle and Gomez, Leticia. 2005. Measuring Tilt with Low-Accelerometers. Sensor Products, Tempe, AZ. Freescale Semiconductor, Inc.
29. MMA7260Q. 2005. *Freescale Semiconductor Technical Data*. Freescale Semiconductor, Inc.
30. Sparkfun Electtonics. Data Sheet Witilt V2.5. Diunduh www.sparkfun.com. 2 januari 2007, pukul 10:21 WIB.

31. Delta Electronic. *Pengiriman Data Serial Tanpa Kabel Menggunakan Transceiver 2.4Ghz Bagian 2 Konfigurasi Transceiver 2.4GHz* . Diunduh dari <http://www.delta-electronic.com/Design/Annote/TRW24G2.pdf>, 13 Maret 2007 pkl. 23:56 WIB.
32. Siyamta. 2005. *Pengantar Teknologi Bluetooth*. Diunduh <http://ilmukomputer.com/2006/09/04/pengantar-teknologi-bluetooth/>.13 Maret pukul 00:01 WIB.
33. Rudyanto Arief, M. 2006. *Teknologi Bluetooth dan Implikasinya*. Diunduh dari [http:// http://ilmukomputer.com/2006/09/04/pengantar-teknologi-bluetooth/](http://ilmukomputer.com/2006/09/04/pengantar-teknologi-bluetooth/). 13 Maret 2008, pukul 00:20 WIB.
34. Cheol Shin, Myoung-, Il Park, Seong-, Won Lee, Sung-, Se-Hyeon Kang, and Cheol Park
In-. Area-Efficient Digital Baseband Module for Bluetooth Wireless Communications. Division of Electrical Engineering, KAIST, Daejeon, Korea.
35. Ainsworth, B.E. 2002. *Compendium of Physical Activities Tracking Guide*. 12 hlm. prevention.sph.sc.edu/tools/docs/documents_compendium.pdf, 17 Oktober 2007, pk. 19.24 WIB.
36. Bishop, R.H. 2004. *Learning with LabVIEW™ 7 express*. Pearson Education, Inc., New Jersey: xx + 571.