DAFTAR PUSTAKA

Abidin. *H.Z., Penentuan Posisi Dengan GPS dan Aplikasinya. Pradnya Paramita, Jakarta,* 2007.

Android. Android Features. *http://developer.android.com/about/versions/index.html.* Diakses 2 Maret 2013.

Android. Android Sensor Event. *http://developer.android.com/reference/android/hardware/SensorEvent.html.* Diakses 3 Maret 2013.

Bajaj, R., *"GPS: Location-Tracking Technology",* University of Cincinnati, 2002.

Binghao Li, Thomas G., Andrew G. Dempster & Chris R., "How feasible is the use of magnetic field alone for indoor positioning?", 2012, pp. 1-7.

Chuan-Chin Pu, Chuan-Hsian Pu & Hoon-Jae Lee., "Indoor Location Tracking using Received Signal Strength Indicator", 2011.

Christian B. & Martin K., "Fingerprinting Based Localisation Revisited", 2012.

Eung Sun K., Yong K., "Geomagnetism-based indoor location estimation method for future smartphone", Signal & Systems Lab Samsung Electronics, 2012, pp.1-3.

Eung Sun K., Yong K. & Eung Sun K., "Indoor Positioning System Using Geomagnetic Anomalies for Smartphones", Samsung Advanced Institute of Technology , 2012.

Finlay, "Evaluation of candidate geomagnetic field models for IGRF-11". *Earth, Planets and Space* 62 (10): 787–804, December 2010.

Fraden, Jacob., *Velocity and Acceleration*, 301–312. Handbook of Modern Sensors - Physics, Designs and Applications. Springer Science Business Media, LLC, 233 Spring Street, New York, New York, 10013, USA, 3rd edition, 2000.

Geno Jazek., "How magnet works!". *http://www.howmagnetswork.com/* . 2013.

Hakan K. & Shuang H.Y., "A Survey of Indoor Positioning and Object Locating Systems", 2010, Computer Science Department, Loughborough University, Loughborough, UK.

Hui Liu, "Survey of Wireless Indoor Positioning Techniques and Systems", 2007

IDC. "Android and iOS Combine for 91.1% of the Worldwide Smartphone OS Market in 4Q12 and 87.6% for the Year". *http://www.idc.com/getdoc.jsp?containerId=prUS23946013#.UURnpTe3 OSo*. Diakses 2 Maret 2013.

IndoorAtlas Ltd., "Ambient magnetic field-based indoor location technology", July 2012.

Ivis F., "Calculating Geographic Distance: Concepts and Method", Toronto, Ontario, Canada, 2006.

James Steele, Nelson To, Shane Conder & Lauren Darcey. *The Android Developer's Collection (Collection)*. Addison-Wesley Professional, 2011.

Jeff Hightower, "Mobile Location Technologies", Intel Labs, 2012.

Jules G. M., "The Global Positioning System", IEEE Transactions On Microwave Theory And Techniques, vol. 50, 2002.

Kai K., Gernot B,, Paul L., "Can Magnetic Field Sensors Replace Gyroscopes in Wearable Sensing Applications?", Embedded Systems Lab University Passau, Passau, Germany, 2012.

Maurizio F., Fabio D., "Quality Monitoring for Multipath Affected GPS Signals", GNSS , 2004.

Muhammad Haris A., "Use of Earth's Magnetic Field for Pedestrian Navigation", University Of Calgary, 2011.

Opensource. "The Open Source Definition". *http://opensource.org/osd*. Diakses 2 Maret 2013.

Physics. "How does GPS work ?". *http://www.physics.org/article-questions.asp?id=55*. Diakses 5 Juni 2013.

Sharma, *Enviromental and Engineering Geophysics*. Cambridge, USA: Cambridge University Press, 1997.

Sasidhar K., "Indoor Localization Using Magnetic Fields", University of North Texas, December 2011.

Telford, W.M., *Applied Geophysics* (2nd Edition), Cambridge Univ. Press, 1990.