

## DAFTAR PUSTAKA

- Achmaliadi, I., Hanafi, R., Safitri, H., Kurniawan, I., Pramono, dan Natalia, A.,  
*Dalam Geografi dan Koordinat Peta. Bandung: Garis Pergerakan, 2005.*
- Addina, M., 2017, *Aplikasi Location Based Service Daerah Rawan Kecelakaan  
dengan Metode Push Notification pada Sistem Operasi Android*, Skripsi, Jurusan  
Ilmu Komputer dan Elektronika, Fakultas Matematika dan Ilmu Pengetahuan Alam,  
Universitas Gadjah Mada, Yogyakarta
- Ashby, N., *Relativity and the Global Positioning System*, 2002, Physics Today, May  
2002
- Burl, J.B., 1999, *Linear Optimal Control, International Journal of Robust and  
Nonlinear Control*
- Diggelen, F. V., Want, R., Wang, W., 2018, How to Achieve 1-meter accuracy in  
Android, <https://www.gpsworld.com/how-to-achieve-1-meter-accuracy-inandroid/>, 1  
Juli 2019
- Djuknic, G.M. dan Richton, R.E., 2001, *Geolocation and assisted GPS*, Computer,  
No. 3, Vol. 34, 123-125.
- Edwan, E, 2013, *Novel Approaches for Improved Performance of Inertial Sensors  
and Integrated Navigation Systems*, University of Siegen, Siegen
- Faragher, R., 2012, *Understanding the Basis of the Kalman Filter Via a Simple and  
Intuitive Derivation*, IEEE Signal Processing Magazine, No. 5, Vol. 29, 128-132.
- Grewal, M.S. dan Andrews, A.P., 2001, *Kalman Filtering.*, Wiley, New York.
- Gurram, B. dan Giri, N., 2016, *Improving localization accuracy of android's Fused  
Location Provider API using Kalman Filter*, 2016 International Conference on  
Computer Communication and Informatics (ICCCI), India.
- Hofmann-Wellenhof, B., Lichtenegger, H. dan Wasle, E., 2008, *GNSS--global  
navigation satellite systems: GPS, GLONASS, Galileo, and more*, Springer, New  
York.



- Jiao, P., Li, R., Sun, T., Hou, Z. dan Ibrahim, A., 2016, *Three Revised Kalman Filtering Models for Short-Term Rail Transit Passenger Flow Prediction*, Mathematical Problems in Engineering, Vol. 2016, 1–10
- Macarulla Rodriguez, A., Tiberius, C., van Bree, R. dan Geradts, Z., 2018, *Google timeline accuracy assessment and error prediction*, Forensic Sciences Research, No. 3, Vol. 3, 240–255
- Nadaf, A. dan Srinivas, B.K., 2017, *Android based fused location provider api for localization accuracy*, International Journal of Latest Trends in Engineering and Technology, No. 3, Vol. 8.
- Oktilas, A.F., 2015, *Akurasi Pembacaan GPS pada Android untuk Location Based Service (Studi Kasus: Informasi Lokasi SMA di Palembang)*, 45
- Park, S. Y., Ahn, H. S., Yu, W. P., 2007, *Round-trip Time-based Wireless Positioning without Time Synchronization*, International Conference on Control, Automation and Systems 2007, Seoul
- Pratista, E., 2005, *Sistem Informasi Geografis*, Informatika, Bandung
- Prihandito, A., 2010, *Proyeksi Peta*, Kanisius, Yogyakarta
- Singhal, M. dan Shukla, A., 2012, *Implementation of Location based Services in Android using GPS and Web Services*, No. 9, Vol. 1
- Sunyoto, A., 2009, *API Location (JSR 179): Standar Penentuan Posisi untuk Telpon Seluler Berkemampuan Java*, No. 1, Vol. 10
- Uddin, P. dan Islam, Z., 2013, *GPS-based Location Tracking System via Android Device*, Vol. 2
- Wang, C., Liang, H., Geng, X. dan Zhu, M., 2014, *Multi-sensor fusion method using kalman filter to improve localization accuracy based on android smart phone*, 2014 IEEE International Conference on Vehicular Electronics and Safety, Hyderabad
- Wang, E., Weiping Zhao dan Ming Cai, 2013, *Research on improving accuracy of GPS positioning based on particle filter*, 2013 IEEE 8th Conference on Industrial Electronics and Applications (ICIEA), Melbourne
- Welch, G. dan Bishop, G., 2006, *An Introduction to the Kalman Filter*, Chapter Hill



Xia, F., Zhang, W., Ding, F., dan Hao, R., 2011, *A-GPS assisted Wi-Fi access point discovery on mobile devices for energy saving*, 2011 Global Information Infrastructure Symposium (GIIS), Da Nang.

Yang, F. dan Aoshuang, D., 2009, *A Solution of Ubiquitous Location Based on GPS and Wi-Fi ULGW*, 2009 Ninth International Conference on Hybrid Intelligent Systems, Shenyang.

Yulianto, Y., Ramadiani, R. dan Kridalaksana, A.H., 2018, Penerapan Formula Haversine Pada Sistem Informasi Geografis Pencarian Jarak Terdekat Lokasi Lapangan Futsal, No. 1, Vol 13.