

**Petrovski, Ivan G. *GPS, GLONASS, Galileo, and BeiDou for Mobile Devices: From Instant to Precise Positioning*. United Kingdom: Cambridge University Press, 2014, 312 pp. \$90.00 (Hardbound).**

Get up to speed on all existing GNSS with this practical guide. Covering everything from GPS, GLONASS, Galileo, and BeiDou orbits and signals to multi-GNSS receiver design, AGPS, network RTK systems, and VRS, you will understand the complete global range of mobile positioning systems. Step-by-step algorithms and practical methods provide the tools you need to develop current mobile systems, whilst coverage of cutting-edge techniques, such as the instant positioning method, gives you a head start in unlocking the potential of future mobile positioning. Whether you are an engineer or a business manager working in the mobile device industry, a student or a researcher, this is your ideal guide to GNSS.

**Ivan G. Petrovski** leads the development of GNSS applications at iP-Solutions, Japan. He has over 25 years' worth of research and development experience in the GNSS field, and has previously led GNSS-related R&D for DX Antenna, GNSS Technologies, Inc., and the Institute of Advanced Satellite Positioning at TUMSAT. He has academic experience working as an associate professor with MAI and as a guest professor with TUMSAT. As an engineer he has developed RTK software, the algorithms and software for indoor and outdoor positioning with pseudolites, in addition to instant positioning algorithms, real-time GNSS software receivers, and the GNSS DIF recorder and RF signal simulator.