



# Engineering Satellite-Based Navigation and Timing: Global Navigation Satellite Systems, Signals, and Receivers

*John W. Betz*

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- Clearly structured, and comprehensive depiction of engineering satellite-based navigation and timing systems, signals, and receivers
- GPS as well as all new and modernized systems (SBAS, GLONASS, Galileo, BeiDou, QZSS, IRNSS) and signals being developed and fielded
- Theoretical and applied review questions, which can be used for homework or to obtain deeper insights into the material
- Extensive equations describing techniques and their performance, illustrated by MATLAB plots
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