



Simulink Based Modeling of a Multi Global Navigation Satellite System

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | When satellite navigation was started by the U.S. government with the name GPS, it became very popular and many electronic devices now come equipped with GPS receivers. Over the years, technology in navigation made people's life easier and now we are using it everywhere in many applications. Precise positioning systems are necessary for most military applications. Even though these navigation systems started with standard performance levels, they still face a few problems because of various factors like atmospheric noises, multi-path, signal jammers, and less number of visible satellites. Channel noise for GPS is similar to the all satellite applications and signal jammers are intentional signal degradation. A lot of research has been done to overcome these factors, and better techniques are available currently. However, the fact that only a less number of satellites are visible to determine the location degrades the performance of any positioning system significantly. As a step towards overcoming this problem, IRNSS has launched a seven satellite constellation for its regional navigation system. This book helps to design & implement Simulink based Multi GNSS Navigation System. | Format: Paperback | Language/Sprache: english | 100 pp.



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