**Data Science with Application to Global Navigation Technologies**

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The role and application of Global Navigation Satellite Systems (GNSS) are considered. The fundamental principles and essentials of GNSS functioning are reviewed. Urgent and challenging, including ill-stated, applied math and computer science problems in the scope of GNSS application and functioning are outlined.

Approaches to preliminary data processing in solving positioning and clock bias determination, precise time information transportation problems are overviewed. Kalman-filter-based state and parameters estimators applications to dynamic stochastic systems in the scope of GNSS are outlined. Problem solving principles and general formulatios and approaches. Mathematical problems in the scope of GNSS. Mathematical models classification and overview. Approaches overview. A priori assumptions violations. Big data, database systems, forecasting, control. Influence factors description.

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**Приложения наук о данных в спутниковых навигационных технологиях**

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Рассмотрен общий подход к решению задач координатно-временных определений на основе спутниковых навигационных технологий.

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