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## GPS in Navigational Applications

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Chih Hung Chao and Xiaoli Ding

Department of Land Surveying and Geo-Informatics  
Hong Kong Polytechnic University

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### **Abstract**

The Global Positioning System (GPS) is a very accurate positioning tool and has been successfully applied to surveying, geodesy, navigation and many other fields. The paper provides an overview of GPS in navigation. It first briefly describes the development and principles of GPS; then discusses the different GPS based positioning methods in navigation; and finally, reviews the various systems for air, land and marine navigation.

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