Abstract

In this paper, combining the domestic and foreign research results, the application of strapdown inertial navigation technology in the measurement is summarized. First the basic principle of strapdown inertial navigation system are reviewed, and then discusses the application status of strapdown inertial navigation technology in military and civilian areas of measurement. Finally, the application of the strapdown inertial navigation technology development and the future outlook.

References

3. Wenfa Zhu. Research on dynamic detection method of track line state based on

**Index Terms**

Computer Science  Networks

**Keywords**

Strapdown inertial navigation, inertial measurement, aviation, track test