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## **Editorial**

In the last issue of the sixth volume we present the following research.

The Online work and activities have been increasing due to the introduction of several applications in the recent years. One such practice is the online booking system. *Normala Rahim, Suhailan Safei and Wan Mohd Rizhan* in their paper on "**A Framework of Online Public Accommodation Booking System Using Virtual Panoramic Environment (OPABS-VPE)**" have created a Virtual Panoramic Environment (VPE) for online hotel booking system. Their proposed a framework of Online Public Accommodation Booking System using Virtual Panoramic Environment (OPABS-VPE) supports virtual tour environment for online accommodations reservation.

In the next paper on "**Vertical-format Based Frequent Pattern Mining - A Hybrid Approach**" the authors *Neha Dwivedi and Srinivasa Rao Satti* proposed a compact hybrid data structure HybridDS and a corresponding time efficient vertical format mining algorithm HybridDSItr for sparse datasets. They have applied a few new optimization techniques to reduce intermediate candidate generation and thus minimize the time and search space. The authors claim that their algorithm exhibits better performance in terms of time as compared to both Eclat and FP-Growth algorithms.

*Kamel Bouzgou, Reda Hanifi El Hachemi Amar and Zoubir Ahmed-Foith* in the last paper on "**Geometric Modeling of Parallel Robot and Simulation of 3-RRR Manipulator in Virtual Environment**" have introduced very generic mathematics related to robotics studies. They proposed a 3-RRR delta robot with a pure translation and they claim that their system showed a virtual reality environment.

The papers are technically elegant and discussed newer approaches in intelligent computing.

## **Editors**