

Monitoring threshold functions over distributed data sets (Technion)

code: COM-0812

A common requirement in many emerging applications is the ability to process, in real time, a continuous high-volume stream of data. Consequently, data stream monitoring in a distributed system is the focus of much research in recent years. Examples of such applications are sensor networks, real-time analysis of financial data and intrusion detection. We present a novel geometric approach utilizing naive, centralized algorithms for efficient arbitrary threshold functions monitoring over distributed data streams without requiring the very high communication overhead common in other methods.

Contact for more information:

T3 Team , +972-4-8294856

T - Technion Technology Transfer
Technion City, Senate Bldg., Haifa 32000, Israel
Tel. 972-4-829-4851; 972-8325-375
Fax. 972-4-832-0845