



SURVEY ARTICLE

A Survey of Time Synchronization Protocols for Wireless Sensor Networks

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Abstract— The time synchronization is an major problem for Wireless sensor networks. There have been many research works about time synchronization in Wireless sensor network in the literature and so many methods and protocols are proposed. Many applications of sensor networks required local clocks to be synchronized for precision but different sensor network required different properties. This paper reviews the time synchronization and their need to be synchronization, and then explain the basic synchronization methods and protocols in detail.

Keywords: - wireless sensor network; time synchronization

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