

عنوان مقاله:

Traffic control schemes in wireless sensor networks

محل انتشار:

هشتمین کنگره ملی تازه های مهندسی برق و کامپیوتر ایران (سال: 1400)

تعداد صفحات اصل مقاله: 12

نویسندگان:

Shoorangiz Shams Shamsabad Farahani

Narges Masoomabadi

Mahdi Ghasemi Naraghi

خلاصه مقاله:

ABSTRACT Congestion is an important problem in wireless sensor networks (WSNs). It ends in loss rate rise, increased delay, unfair traffic flow, channel quality degradation, and wasted energy. It also badly affects throughput, network life time, number of retransmissions, and link utilization. So, it is necessary to mitigate congestion in WSNs. Due to the important role of WSNs, more efficient congestion control algorithms are required. In this paper, a comprehensive review of traffic-based congestion control schemes in WSNs is presented. Also, different performance metrics are used to compare priority-based congestion control algorithms.

کلمات کلیدی:

Keywords- wireless sensor networks (WSNs), congestion control, congestion detection, congestion notification, traffic control schemes.

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1395482>

