

ỨNG DỤNG GIẢI THUẬT DI TRUYỀN MỜ TRONG BÀI TOÁN QUẢN LÝ HÀNG ĐỢI TÍCH CỰC AQM

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TÓM TẮT:

Currently, all types of information services tend to integrate the Internet. To transport large amounts of data and better support for new Internet applications such as voice over IP and video on demand need to design algorithms for congestion control and efficient management of the queue. In this paper, we introduce a queue management algorithm - GA-Fuzzy-AQM, a fuzzy improvement for the well-known RED (Random Early Detection) AQM algorithm. Simulation results show that queue management algorithm GA-Fuzzy-AQM proposed has better performance than the traditional RED mechanism