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Research Subject	Research on reliable data transmission		
Keywords	ARQ, protocol, throughput, transmission delay, reliable transmission		

Introduction or Outline of the research

Automatic repeat request (ARQ) is an error control scheme for achieving reliable data transmission. Go-back-N (GBN) ARQ scheme is widely used due to high throughput performance. The GBN ARQ with selective repeat (SR) in intra-block scheme (GNB-SR scheme) in which, after receiving a retransmission request, the sender transmits blocks that include only the requested packets is considered.