3. ISOTONIC METRIC ROUTING IN MULTI-GATEWAY WIRELESS MESH NETWORKS

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Mobile ad hoc networks (MANETs) are one of the most popularly known network communication technologies. Greatest challenge in designing MANETs is network partitioning. To overcome this problem, a new class of network is developed called isotonic metric routing in multigateway wireless mesh networks. Unlike conventional mesh networks, the mobile mesh nodes of an isotonic metric routing in multigateway wireless mesh networks are capable of following the mesh clients in the community networks,military applications and forms into a suitable network topology to ensure maximum available bandwidth path and good connectivity for both intragroup and intergroup communication. Exhaustive Simulation results indicate that isotonic metric routing is powerfull against network partitioning and ability to provide maximum available bandwidth path from source to destination.

Keywords- Autonoumous mobile mesh networks, Isotonic path weight.

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