



A Novel Approach of Relay Selection using AF & DF Relaying Techniques

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Abstract – The paper looks at the performance comparison of different detection schemes and also proposes how to group users at the relay to ensure mutual benefit for the cooperating users. This research work proposes a framework which shows single and multiple relay selection using amplify & forward and decoded & forward relaying techniques under Rayleigh fading environment for cooperative communication.

Keywords –AF, Cooperative Communication, DF, MIMO, MRC, Relay Selection, SC.