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Massive MIMO Propagation Models

Introduction - The demand for capacity within existing mobile networks continues to increase as more subscribers and more devices communicate and as data-rich applications become more popular. The evolving 5G telecommunications standards aim to respond to such demand. A promising approach to increasing capacity and reliability within the context of 5G is Massive Multiple-Input Multiple-Output (MIMO) where many transmit antennas are used relative to the number of users, thus providing a greater opportunity to use the spatial characteristics of the channel for spatial diversity and multiplexing

Henry Brice, Mark Beach, Evangelos Mellios Communication Systems & Networks Group,
University of Bristol, Merchant Venturers Building, Woodland Road, Bristol, BS8 1UB,
United Kingdom Phone: +44 (0)117 954 5395 Email: csn-group@bristol.ac.uk