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Nota di contenuto	MotionCast: Delay and Capacity Tradeoff Analysis -- MotionCast: General Connectivity in Clustered Wireless Networks -- MotionCast: A Survey on the Capacity Scaling of Wireless Networks.
Sommario/riassunto	MotionCast for Mobile Wireless Networks provides an overview on the research for mobile ad-hoc networks regarding capacity and connectivity. Wireless ad-hoc networks are useful when there is a lack of infrastructure for communication. The proposed notion "MotionCast" is for the capacity analysis of multicast in MANET. A new kind of connectivity (k;m)-connectivity, is also defined, and its critical transmission range for i.i.d. (independently and identically distributed) and random walk mobility models are derived respectively. This book also investigates the related issues of connectivity in mobile and static circumstances. In addition, it provides a survey of the capacity scaling research, which gives a good summary of this field.