



Handover for 5G Networks using Fuzzy Logic: A Review

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Abstract: *The future fifth generation (5G) remote correspondences support the super ultra dense network where arrangements of a huge quantity of little cells coincide with current 4G net-works. Notwithstanding, the dense small cell organization is confronting a specialized test in flexibility the supervisory because of the expanded number of handovers (HOs), particularly in heterogeneous organizations. The expanding likelihood of HOs may cause HO failure (HOF) or HO ping-pong (HOPP) which debases the framework execution. Fuzzy Logic (FL) is a strategy for thinking that looks like human thinking. The methodology of FL mimics the method of dynamic in people that includes all middle prospects between computerized values YES and NO. In this article various analysts' research work is inspected and various issues are looked in 4G/5G organization. The serious issue looked in this exploration territory is the fuzzy framework, speed and direction metric and ping pong aversion isn't thought of, which is a primary Fuzzy handover dependent on Signal strength, Cell burden and Distance. Every one of these issues is settled in future.*

Keywords: HetNets, self-optimization, handover, fuzzy logic, WSN, 4G and 5G

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