Abstract

Orthogonal Frequency Division Multiplexing (OFDM) has the properties of being robust to interference and frequency selective fading and the various multiplexing techniques for the 4th generation wireless network systems. In wire-free system, resources such as power, bandwidth are limited, thus intelligent allocation of these resources to users are necessary for having the best possible quality of services. In this paper various algorithms have been discussed such as Root Finding Algorithm, Multi user PSO, Fuzzy Rule Base System, PSO for resource allocation.
Survey of Optimum Resource Allocation in OFDM Communication System

References


Index Terms

Computer Science

Communication
Keywords
Power Allocation  Fuzzy  Pso  Code Rate  Modulation