Abstract

In this paper, smart antennas are antenna array use to empathize spatial signal such as DOA of the signal and used to find beamforming vectors and locate the antenna ray in the desired direction of target. Beam formed adaptive algorithms allow the antenna to steer the beam in desired direction of interest while cancelling the obtrusive signals. The prompt growth of smart antenna makes use of different algorithms to implement it. Now the comparison of different algorithms discussed in my review paper.
Comparative Study of Different Algorithms to Implement Smart Antenna Array—A Review

- Suraya mubeen, Dr. Am Prasad and DR. A. Jhansi Rani, 2012. Smart Antenna its algorithms and implementation.
- Dongdong Chen and Mihai SIMA, (2011) "Fixed-Point CORDIC-Based QR Decomposition by Givens Rotations on FPGA", International Conference on Reconfigurable Computing and FPGAs.

**Index Terms**

Computer Science  
Antennas

**Keywords**

Algorithms Include Lms, Smi, Qrd - RIs.