Accurate Null Steering In Linear Arrays Using Tabu Search

Abdel-Magid, Y.L. Dawoud, M.M.;King Fahd Univ. of Pet.Miner., Dhahran; Antennas and Propagation, Tenth International conference (Conf. Publ. No. 436);Publication Date: 14-17 Apr 1997;Vol: 1,On page(s): 365-369 vol.1;ISBN: 0-85296-686-5 King Fahd University of Petroleum & Minerals

http://www.kfupm.edu.sa

Summary

Null steering in phased and adaptive arrays has been successfully achieved using tabu search. The array nulls have been steered accurately to the prescribed null directions. The new method is superior to the approximate analytic solution in locating the nulls precisely and realises the required null depth levels

For pre-prints please write to:abstracts@kfupm.edu.sa