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Abstract

Document
Sections

I. Introduction

II. Signal model
using ULA

III. MUSIC
ALGORITHMS

IV. Simulation and
analysis

» CONCLUSION

Abstract:

The conventional MUSIC algorithm has high resolution capability. But for coherent signals MUSIC algorithm fails. Also for low SNR and small snapshots the resolution decreases. This paper discusses improvement in MUSIC algorithm using both signal and noise subspace. Simulation results have shown that the new proposed modified algorithm gives satisfactory results in coherent detection.

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