

Mimo Radar Matlab Code

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STBC 2x2 MIMO MATLAB Code. The figure-2 depicts STBC 2x2 MIMO configurations. Following is the script for 2x2 MIMO matlab code. `%code:Alamouti code 2x2 MIMO STBC matlab code. clc; clear all; close all; ndata=2; % number of random data. x=randint(ndata,1,1); % input data generated.`

[3x2-MIMO-matlab-code-STBC-matlab-code](#)
For the TDM-MIMO radar system used in this example, the measurements corresponding to the two transmit antenna elements can be recovered from two consecutive sweeps by taking every other page of the data cube. `Nvsweep = Nwsweep/2;xr1 = xr(:,1,1:2:end);xr2 = xr(:,1,2:2:end);`

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Matlab codes will be available soon! Relevant publications M. Alaae-Kerahroodi, M. Modarres-Hashemi and M. M. Naghsh, "Designing Sets of Binary Sequences for MIMO Radar Systems,"...

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Hassanianen and S. A. Vorobyov, "Phased-MIMO radar: A tradeoff between phased-array and MIMO radars," IEEE Trans. Signal Processing, vol. 58, no 6, pp. 3137--3151, June 2010 Reference code is also ...

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Gh Wu · October 30, 2019 at 9:17 am Dear Dr. Peng , Hi ! I have tried you codes about Antenna Array Analysis ,and it really help me a lot!!!! I want to do some simulation about CS imaging with Sparse MIMO radar, but I don't like Matlab's phased array toolbox.

[RadarSimpY - Z - PENG](#)
Matlab Codes; C8: Discrete-Phase Sequence Design for Coexistence of MIMO Radar and MIMO Communications: 2019 IEEE 20th International Workshop on Signal Processing Advances in Wireless Communications (SPAWC) Mohammad Alaae-Kerahroodi, Kumar Vijay Mishra, MR Bhavani Shankar, Björn Ottersten: Will be available soon! C7

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