

Take Test: Test 2 (2018-19)

Test Information

Description

Instructions

Timed Test This test has a time limit of 1 hour. This test will save and be submitted automatically when the time expires.


Warnings appear when **half the time, 5 minutes, 1 minute, and 30 seconds** remain.

Multiple Attempts This Test allows 3 attempts. This is attempt number 1.

Force Completion This Test can be saved and resumed at any point until time has expired. The timer will continue to run if you leave the test.

This test does not allow backtracking. Changes to the answer after submission are prohibited.

[Save and Submit](#)

 Click **Submit** to complete this assessment.

Question 8 of 8

Question 8


13 points

[Save Answer](#)

Consider a single transmitter whose signal arrives at the receiver via 4 coherent (fully correlated) multipaths. The receiver consists of a uniform linear antenna array of 10 antennas with half-wavelength interantenna spacing. The dimensionality of the signal subspace is:

- (a) 1.
- (b) 2.
- (c) 3.
- (d) 4.
- (e) 10.

- ☐ a
- ☐ b
- ☐ c
- ☐ d
- ☐ e

 Click **Submit** to complete this assessment.

Question **8** of **8**Save and Submit