**Adaptive Array Signal Processing**

**[5SSC0]**

**Assignment 1C: Adaptive array processing**

**REPORT**

**Group number:**

**Names including ID:  
 1:  
 2:**

**Date:**

## 1.2 Scenario 1: Maximized steered response DOA estimation



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1. Maximized steered response spatial spectrum, 6 sensor ULA

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| *Insert plot of spatial spectrum and comments here* |

1. Maximized steered response spatial spectrum, 4 sensor ULA

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| *Insert plot of spatial spectrum and comments here* |



## 1.3 Scenario 2: High resolution spectral estimation technique

2. MUSIC spectral algorithm spatial spectrum, 6 sensor ULA

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| *Insert plot of spatial spectrum and comments here* |



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| *Insert plots of spatial spectra here* |

## 1.4 Scenario 3: Adaptive minimum variance (Capon) beamforming