**Adaptive Array Signal Processing**

**[5SSC0]**

**Assignment 2: Comp**

**REPORT**

**Group number:**

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

**Date:**

* 1. Sparse Signals and Denoising
     1. Sparse Signals

**Question 1**

**Question 2**

**Question 3**

* + 1. Regularization

**Question 4**

**Question 5**

**Question 6**

**Question 7**

* + 1. Undersampling for compressive sensing

**Question 8**

**Question 9**

**Question 10**

**Question 11**

* + 1. Signal reconstruction

**Question 12**

**Question 13**

**Question 14**

**Question 15**

**Question 16**

* 1. Compressed Sensing of Medical Images
     1. Phantom data

**Question 17**

**Question 18**

**Question 19**

* + 1. MRI brain data

**Question 20**

**Question 21**

**Question 22**