

ECE 5/610 Statistical Signal Processing II

Homework Assignment 1

Joe Smith

January 22, 2006

1 Introduction

Here's a paragraph. Here's a paragraph. Here's a paragraph. Here's a paragraph. Here's a paragraph. Here's a paragraph. Here's a paragraph. Here's a paragraph. Here's a paragraph. Here's a paragraph.

Here's another paragraph. Here's another paragraph. Here's another paragraph. Here's another paragraph. Here's another paragraph. Here's another paragraph. Here's another paragraph. Here's another paragraph. Here's another paragraph. Here's another paragraph.

Here's the normal equations,

$$\mathbf{R}\mathbf{c}_o = \mathbf{d} \tag{1}$$

where \mathbf{R} is the autocorrelation matrix, \mathbf{c}_o is the optimal parameter vector, and \mathbf{d} is the cross-correlation vector.

2 Methodology

3 Results

Table 1 shows an example of a table. Figure 1 shows an example of a figure that was generated with the MATLAB code,

```
x = filter(1,[1 -0.99],randn(1000,1));  
plot(x);  
print('Test','-depsc');
```

4 Discussion

5 Conclusion

Method	Value	Units
MMSE	138.23	Hz
LMMSE	132.21	Hz

Table 1: This is an example of a table.

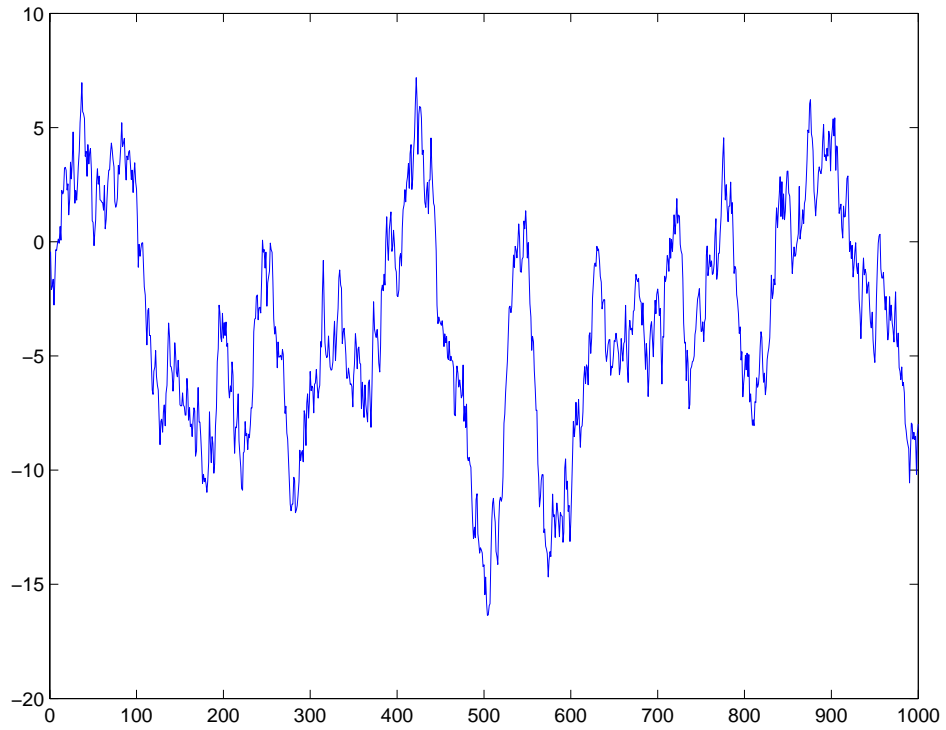


Figure 1: This is an example of a figure.