

UPPSALA UNIVERSITY

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# Transformmetoder Projekt

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*Author:*  
Your name here

*Personnummer:* XXX

*Filternummer:* X

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## **1 Introduction**

Make some bollocks about the theoretical background and purpose of the project. Less is more!

## **2 Derivation of the filter transfer function**

### **2.a**

Fill in here.

### **2.b**

Fill in here.

### **2.c**

Fill in here.

## **3 Amplitude and phase diagram**

### **3.a**

Fill in here.

### **3.b**

Fill in here.

## **4 Step response**

### **4.a**

Fill in here.

### **4.b**

Fill in here.

### **4.c**

Fill in here.

## **5 Sine-in $\rightarrow$ Sine-out**

### **5.a**

Fill in here.

### **5.b**

Fill in here.

## **6 Square wave input excitation**

### **6.a**

Fill in here.

### **6.b**

Fill in here.

### **6.c**

Fill in here.

### **6.d**

Fill in here.

### **6.e**

Fill in here.