



Parcimonie, structure et acquisition comprimée

Rapport de TD

---

# TD compressive sensing

---

*Authors :*

M. Hector Blondel

M. Aurélian Pinet

Version du  
20 novembre 2024

## Table des matières

<b>1</b>	<b>TD 1 : Compressive sensing</b>	<b>2</b>
1.1	A theorem . . . . .	2
1.2	A lemma . . . . .	2
<b>2</b>	<b>TD 2 : Super-resolution</b>	<b>2</b>

## 1 TD 1 : Compressive sensing

### 1.1 A theorem

We have :

$$x = e^{-i5\pi v}$$

### 1.2 A lemma

lemma

## 2 TD 2 : Super-resolution

This is content

small text é

Some content

```
#This python is code  
import random  
print(random.random())
```



**FIGURE 1** – alt text