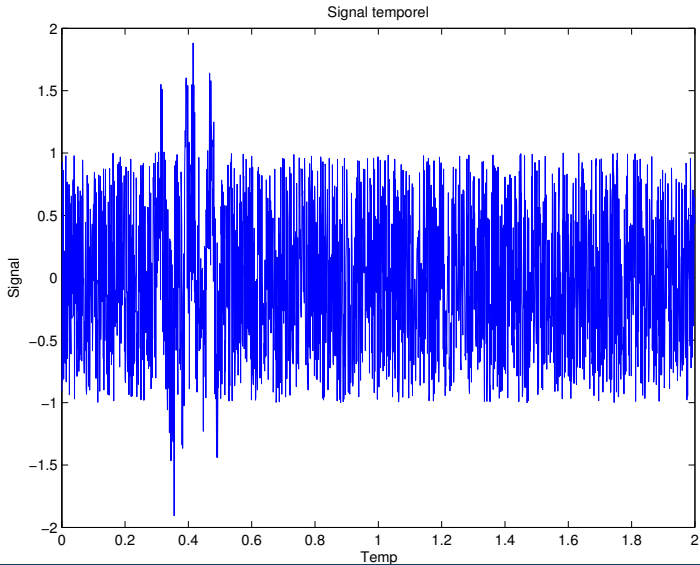
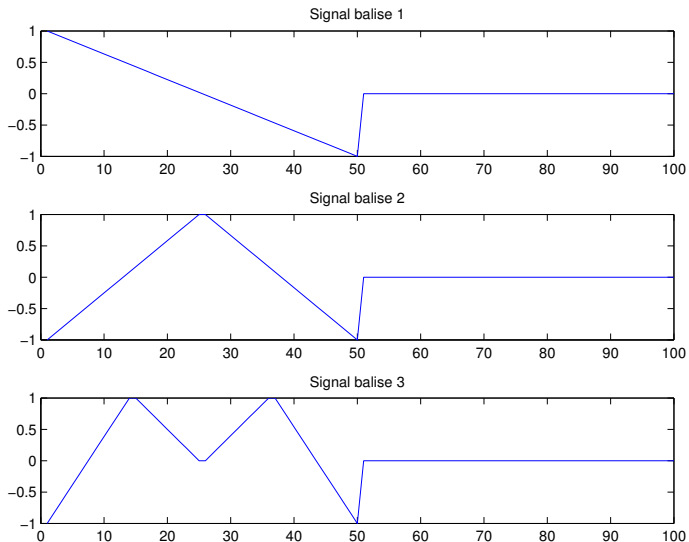


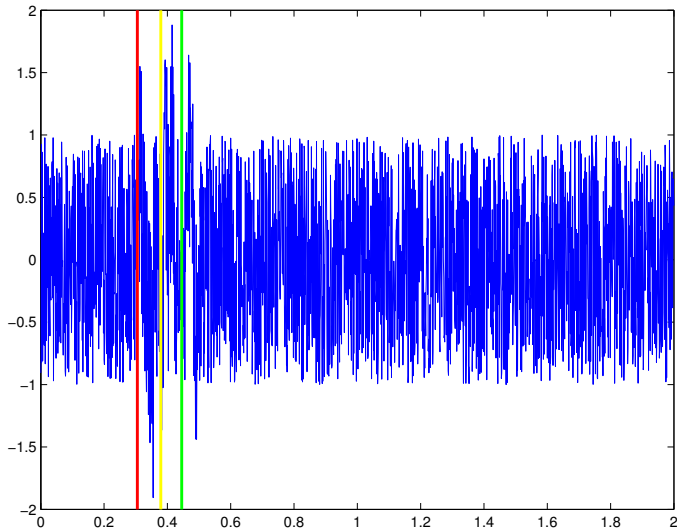
# Visualiser le signal temporel.



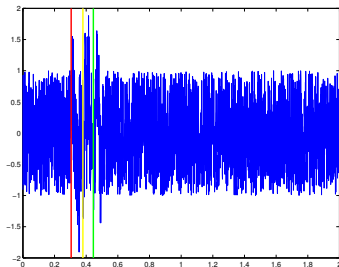
# Visualiser les identifiants de chaque balise.



# Top detectee

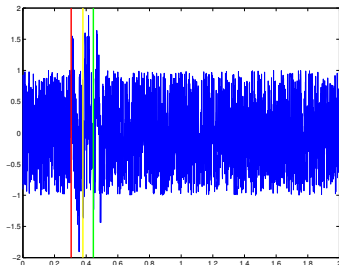


# Top detectee



- index Balise 1: 306
- index Balise 2: 446
- index Balise 3: 380

## Top detectee pour 10C



- Balise1 : distance 102.8795
- Balise2 : distance 150.1029
- Balise3: distance 127.8405
- Position Robot:  $x = 4.8823$ ,  $y = 10.0900$

## Intersection of three circles

```
% The point can be found on three circles
```

$$a1 = 2*(x2-x1);$$

$$a2 = 2*(x3-x2);$$

$$b1 = 2*(y2-y1);$$

$$b2 = 2*(y3-y2);$$

$$c1 = (x1^2-x2^2)+(y1^2-y2^2) - d1^2+d2^2;$$

$$c2 = (x2^2-x3^2)+(y2^2-y3^2) - d2^2+d3^2;$$

$$ynew = (a2*c1-a1*c2)/(a1*b2-a2*b1);$$

$$xnew = (-c1-b1*ynew)/a1;$$