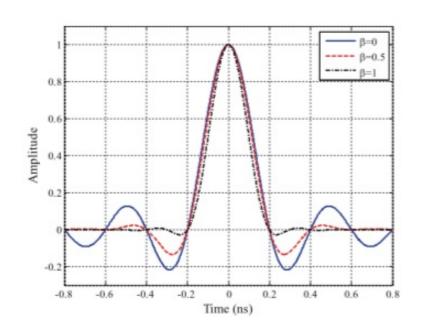
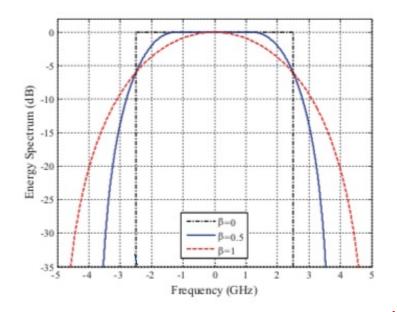
Medición de Tiempos

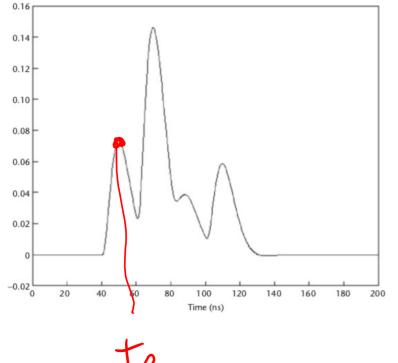


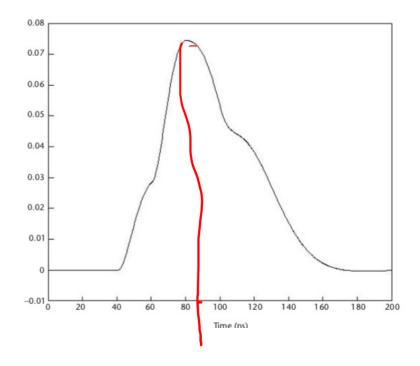


UWB -> BAUDA BASE

contoon och f

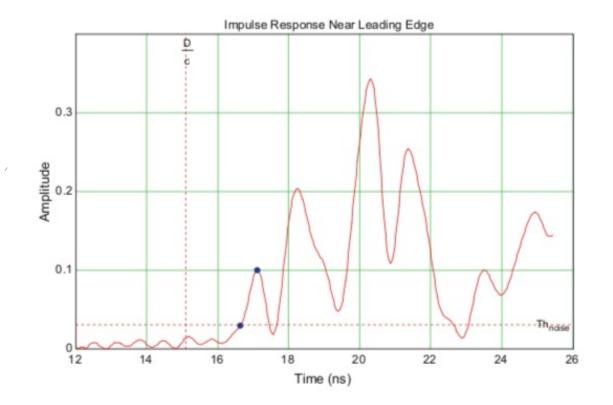
Medición de Tiempos: Efecto del ancho de banda







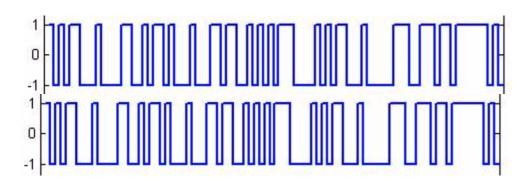
Medición de Tiempos

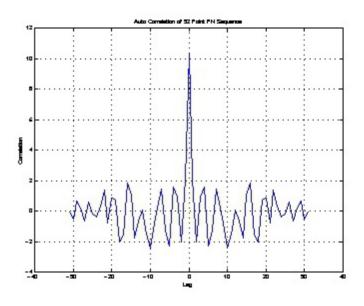


Medición de Tiempos entre Transmisor y Receptor R_{mn} Transmitter Receiver Signal Generator Signal Processing Clock ϕ_m Clock Unit m Unit n

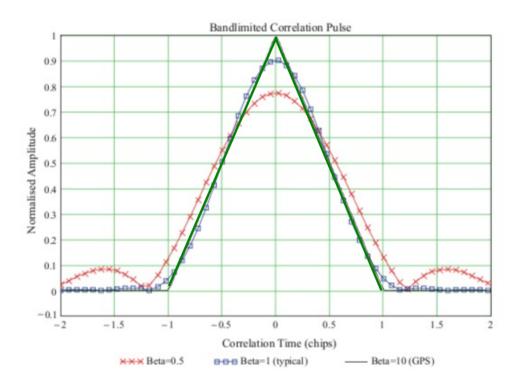
12-1-20m+11x+ To+2x-1/1/00+12x+To+1/m-1/m $2TT = 2^{T}D + 2^{T}\Delta m + 2^{T}\Delta m = TD + Km + \Delta u$

Algoritmo de Pico

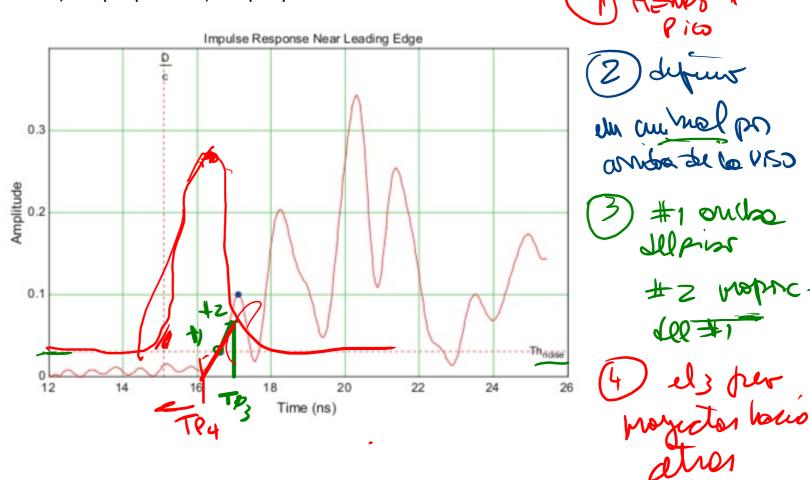


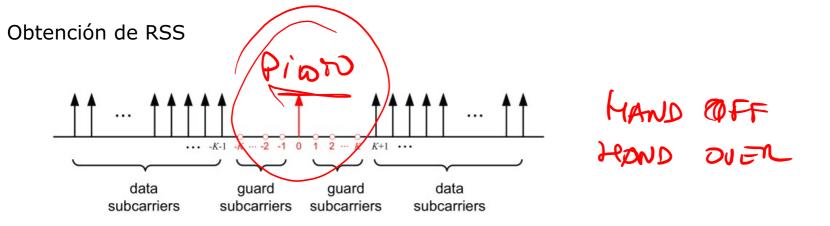


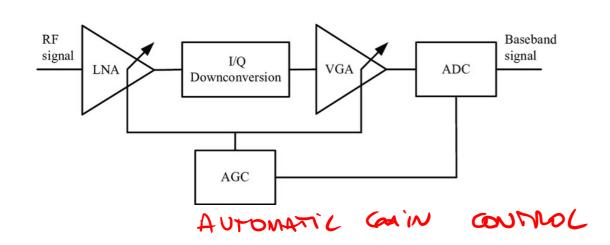
Algoritmo de Pico



Algoritmo de Umbral, de proporción, de proyección

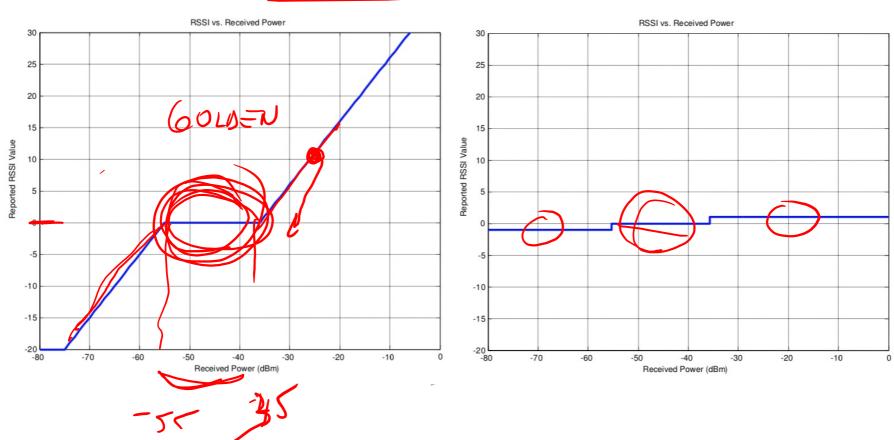




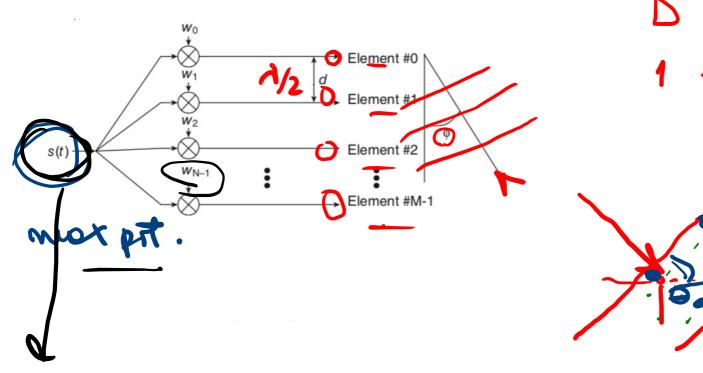


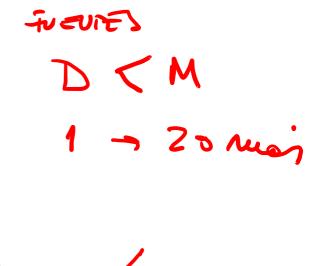
Obtención de RSS

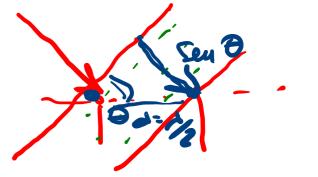




Obtención de Ángulo de Arribo

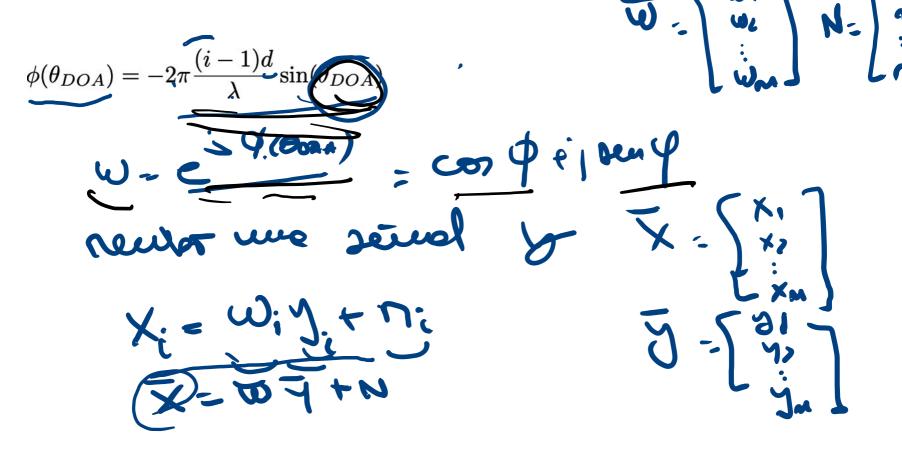






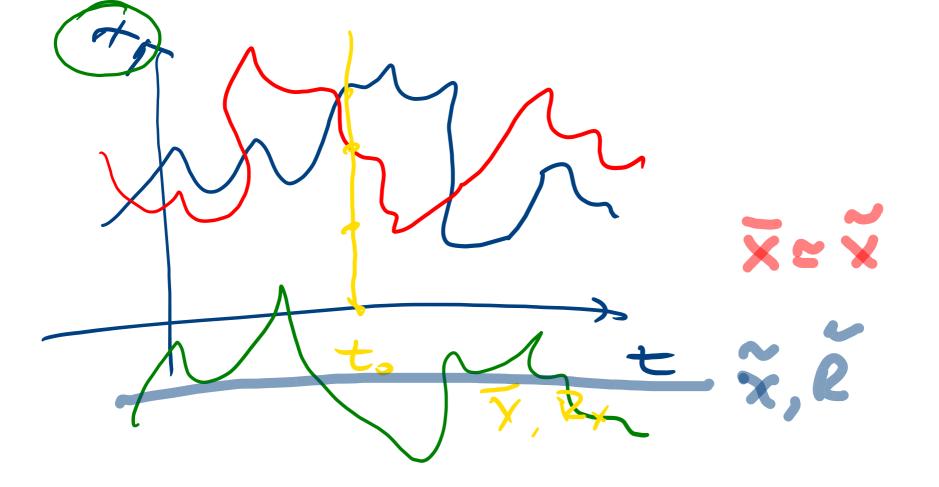
N reas

MUSIC: MUltiple SIgnal Clasification

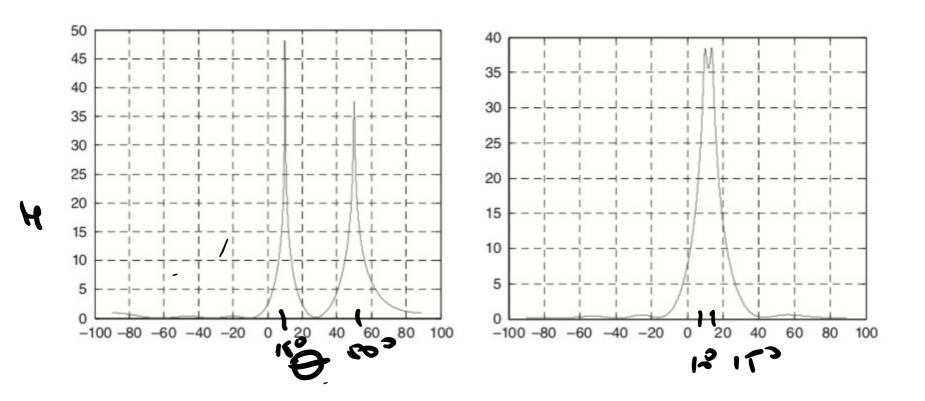


MUSIC: MULTIPE SIGNAL CHASIF. eros Dias frank? ANDVA (WADMADA)

40. Quend - i dent from M-0 outer. mos perf. - Levo Vc on la autorect crusp. a un custorolores mos perf. Co mes Crosp. abs WH YE VEW 4: estrosp. comp enz diver.



MUSIC: MUltiple SIgnal Clasification





Outliers

"una observación que se desvía tanto de otras observaciones como para despertar sospechas de que fue generado por un mecanismo diferente".

Outlier

20 needian Nouverlieber, Man aut 20 neen 30 30 needland 30 needland **Outliers**

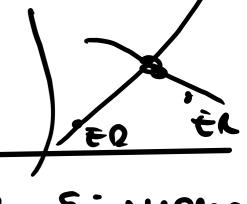
$$\mathbf{\Theta}_{1,LS} = [\hat{\mathbf{x}}, \hat{\mathbf{y}}]^{\mathsf{T}} = (\mathbf{G}^{\mathsf{T}}\mathbf{G})^{-1}\mathbf{G}^{\mathsf{T}}\mathbf{h}$$
donde
$$\begin{bmatrix} \sin(\alpha^0) & \cos(\alpha^0) \end{bmatrix}$$

$$\mathbf{G} = \left[\begin{array}{ccc} \sin(\alpha_1^0) & -\cos(\alpha_1^0) \\ \vdots & \vdots \\ \sin(\alpha_M^0) & -\cos(\alpha_M^0) \end{array} \right].$$

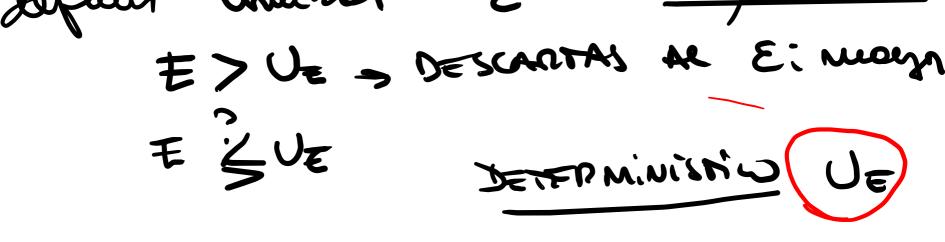
y

$$\mathbf{h} = \left[\begin{array}{c} x_1^0 \sin(\alpha_1^0) - y_1^0 \cos(\alpha_1^0) \\ \vdots \\ x_M^0 \sin(\alpha_M^0) - y_M^0 \cos(\alpha_M^0) \end{array} \right].$$

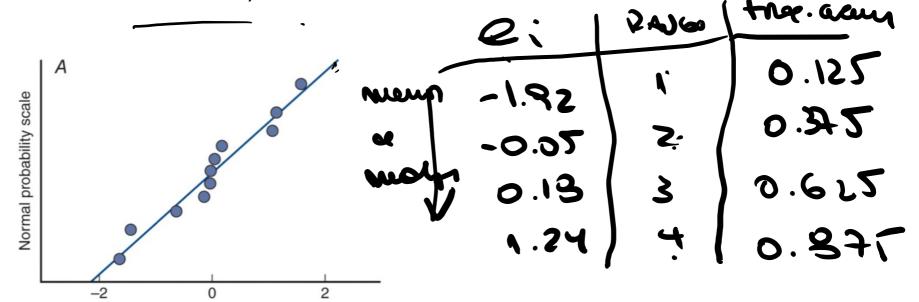
_s Z ámondo en Zv 30 - 3 ányula

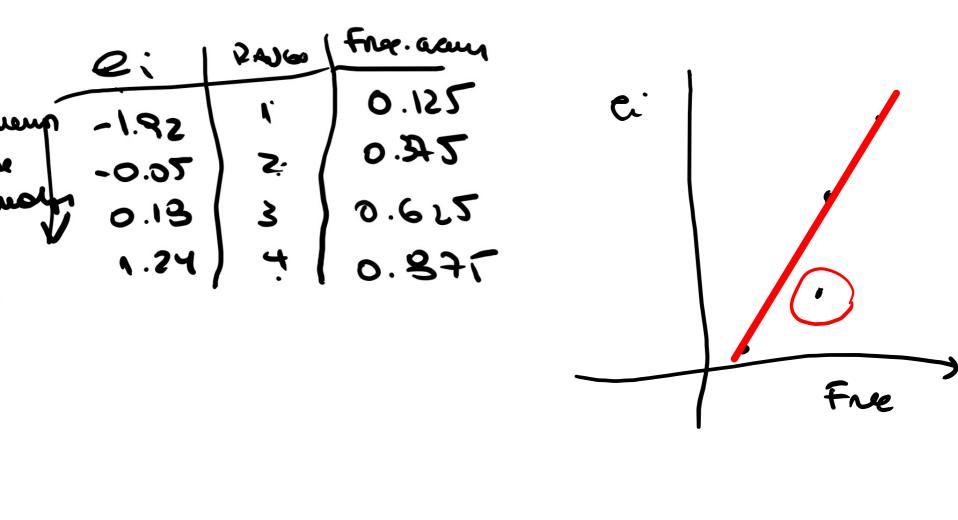


defining Unwhal UE



Outliers: Normal Probability Plots





Outliers: Chi cuadrado : VECINO CONCONTO

N: coul. de medios. E: 20 gaussiere E? es chi cuoblat définis une coter 9' es fruitinde la gradosse lib (loder. di x.4)

er 2D, M (9%) 2016m = 15.P= 8>K 130=925 -aut. en 20, 9(95%) s volot 12 3.891 sout.





	P				mann co		00 00 00				
DF	0.995	0.975	0.2	0.1	0.05	0.025	0.02	0.01	0.005	0.002	0.001
1	.0004	.00016	1.642	2.706	3.841	5.024	5.412	6,635	7.879	9.55	10.828
2	0.01	0.0506	3.219	4.605	5.991	7.378	7.824	9.21	10.597	12.429	13.816
3	0.0717	0.216	4.642	6.251	7.815	9.348	9.837	11.545	12.838	14.796	16.266
4	0.207	0.484	5.989	7.779	9.488	11.143	11.668	13.277	14.86	16.924	18.467
5	0.412	0.831	7.289	9.236	11.07	12.833	13.388	15.086	16.75	18.907	20.515
6	0.676	1.237	8.558	10.645	12.592	14.449	15.033	16.812	18.548	20.791	22.458
7	0.989	1.69	9.803	12.017	14.067	16.013	16.622	18.475	20.278	22.601	24.322
8	1.344	2.18	11.03	13.362	15.507	17.535	18.168	20.09	21.955	24.352	26.124
9	1.735	2.7	12.242	14.684	16.919	19.023	19.679	21.666	23.589	26.056	27.877
10	2.156	3.247	13.442	15.987	18.307	20.483	21.161	23.209	25.188	27.722	29.588
11	2.603	3.816	14.631	17.275	19.675	21.92	22.618	24.725	26.757	29.354	31.264
12	3.074	4.404	15.812	18.549	21.026	23.337	24.054	26.217	28.3	30.957	32.909
13	3.565	5.009	16.985	19.812	22.362	24.736	25.472	27.688	29.819	32.535	34.528
14	4.075	5.629	18.151	21.064	23.685	26.119	26.873	29.141	31.319	34.091	36.123
15	4.601	6.262	19.311	22.307	24.996	27.488	28.259	30.578	32.801	35.628	37.697
16	5.142	6.908	20.465	23.542	26.296	28.845	29.633	32	34.267	37.146	39.252
17	5.697	7.564	21.615	24.769	27.587	30.191	30.995	33.409	35.718	38.648	40.79
18	6.265	8.231	22.76	25.989	28.869	31.526	32.346	34.805	37.156	40.136	42.312
19	6.844	8.907	23.9	27.204	30.144	32.852	33.687	36.191	38.582	41.61	43.82
20	7.434	9.591	25.038	28.412	31.41	34.17	35.02	37.566	39.997	43.072	45.315