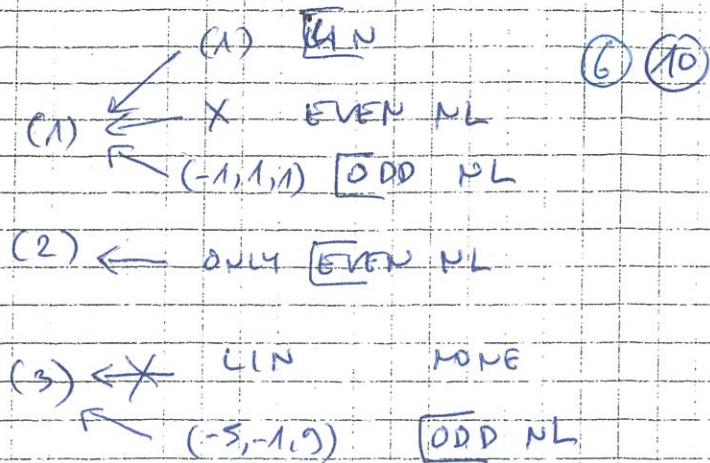
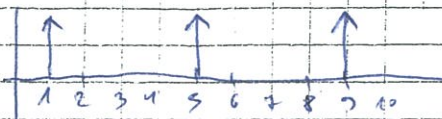


## ODD-ODD GRID



## EFFECT OF GRID ON BLA MEASUREMENTS

- BLA EXPRESSION NOT DEPENDENT, ONLY  $O(\frac{1}{M})$

$$M(\text{ODD}) = \frac{1}{2} M(\text{FULL})$$

$$M(\text{ODD-ODD}) = \frac{1}{2} M(\text{ODD})$$

-  $y_s(k)$  LESS POWER VARIANCE  $(y_s)$  FULL > VARIANCE  $(y_s)$  ODD  
 LESS AVERAGING (\*) ETC.

↳ SEE MATLAB EXERCISES

## ESTIMATION OF THE NL DISTORTION LEVEL & THE NOISE FLOOR

↳ FAST & ROBUST METHODS

### ROBUST METHOD

INPUT REALIZATION

$R_1$

$R_2$

...

$R_R$

INPUT REPETITION

$P_1$

$P_2$

...

$P_P$

$\hat{G}_{BLA(1)}$

$\hat{\sigma}_{N(1)}^2$

$\hat{G}_{BLA(2)}$

$\hat{\sigma}_{N(2)}^2$

...

$\hat{G}_{BLA(M)}$

$\hat{\sigma}_{N(M)}^2$