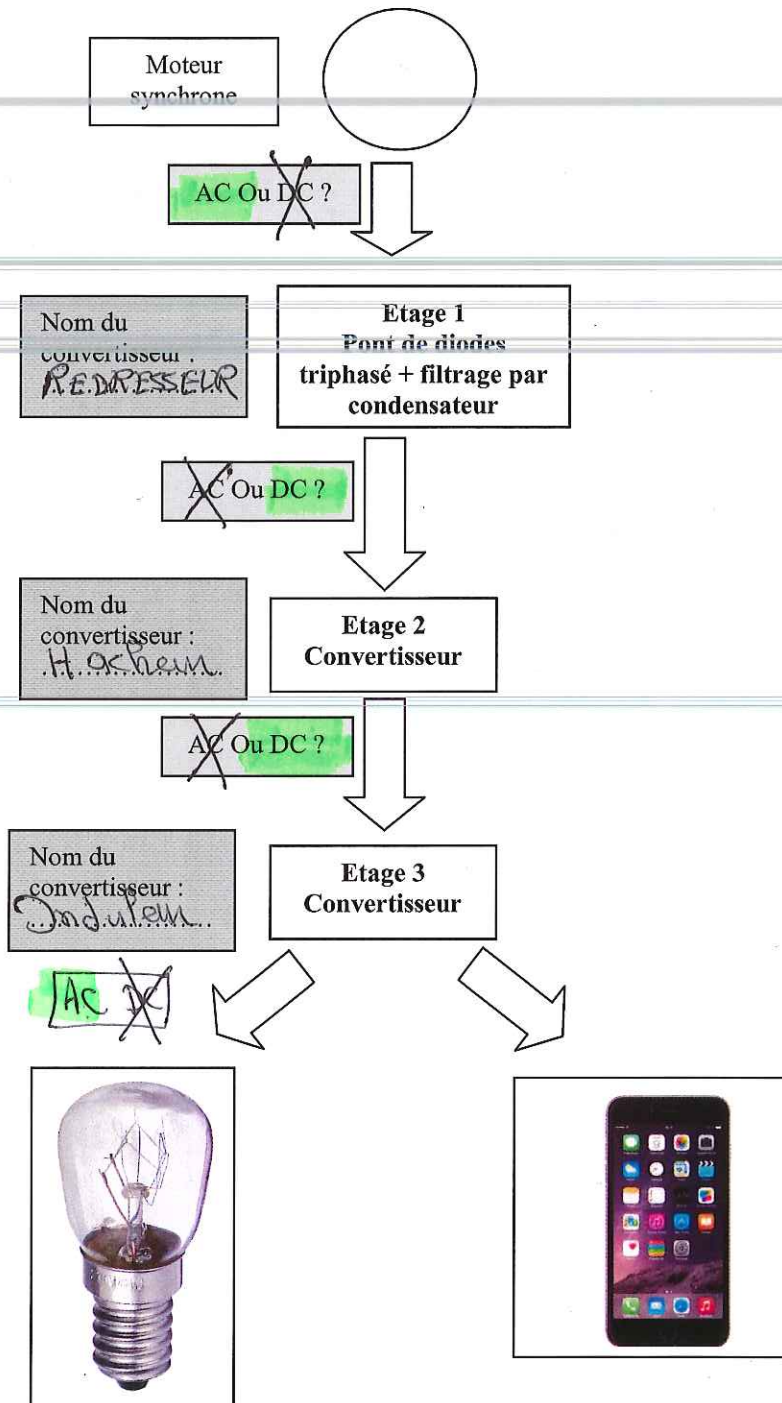


Document réponse 1 :



Grapher1

Echelles

1: 20.0 V \sim 1.0 ms

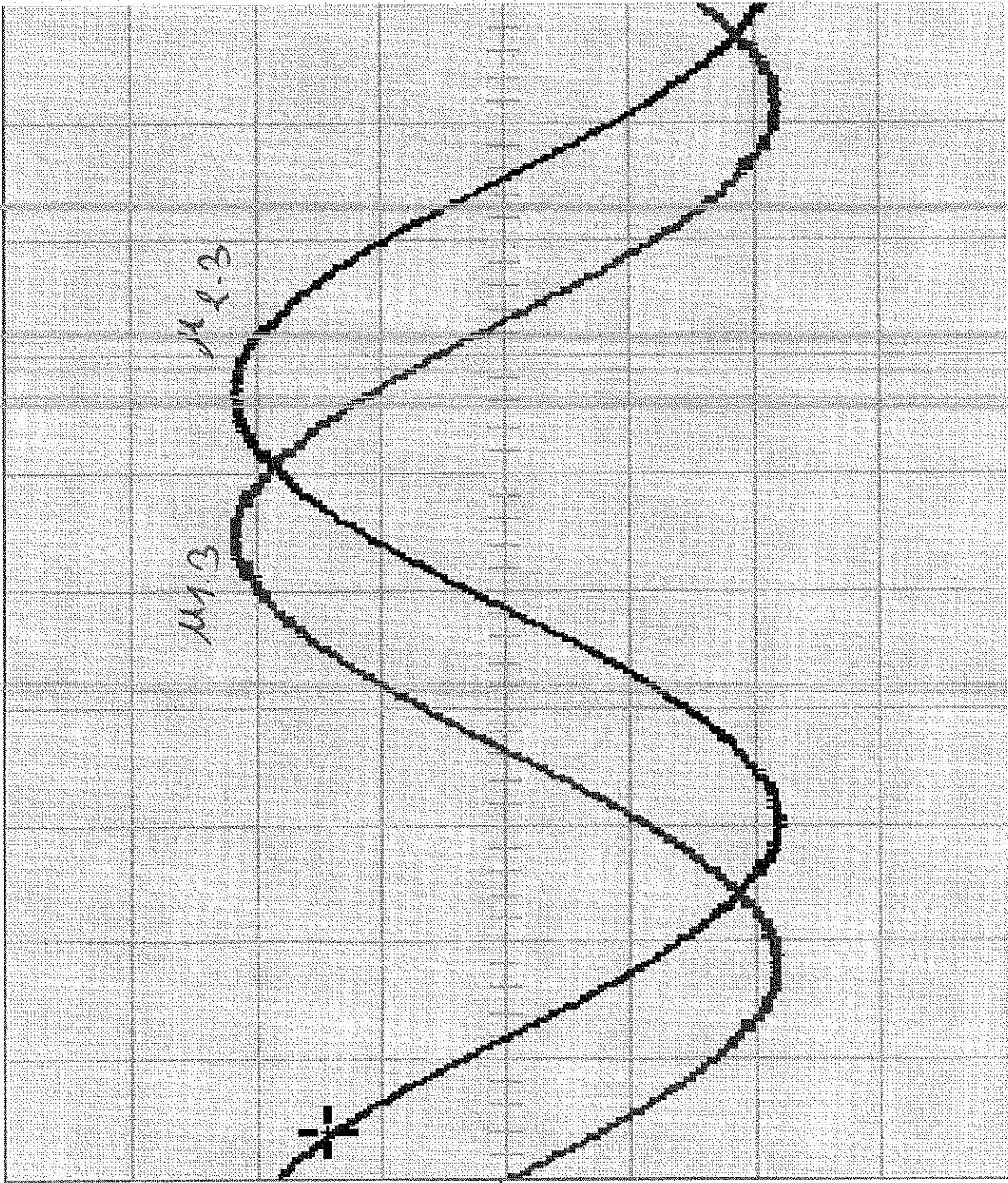
2: 20.0 V \sim 1.0 ms

X = 380.20 μ s

Y = 28.474 V

$\phi = 1.5^\circ$

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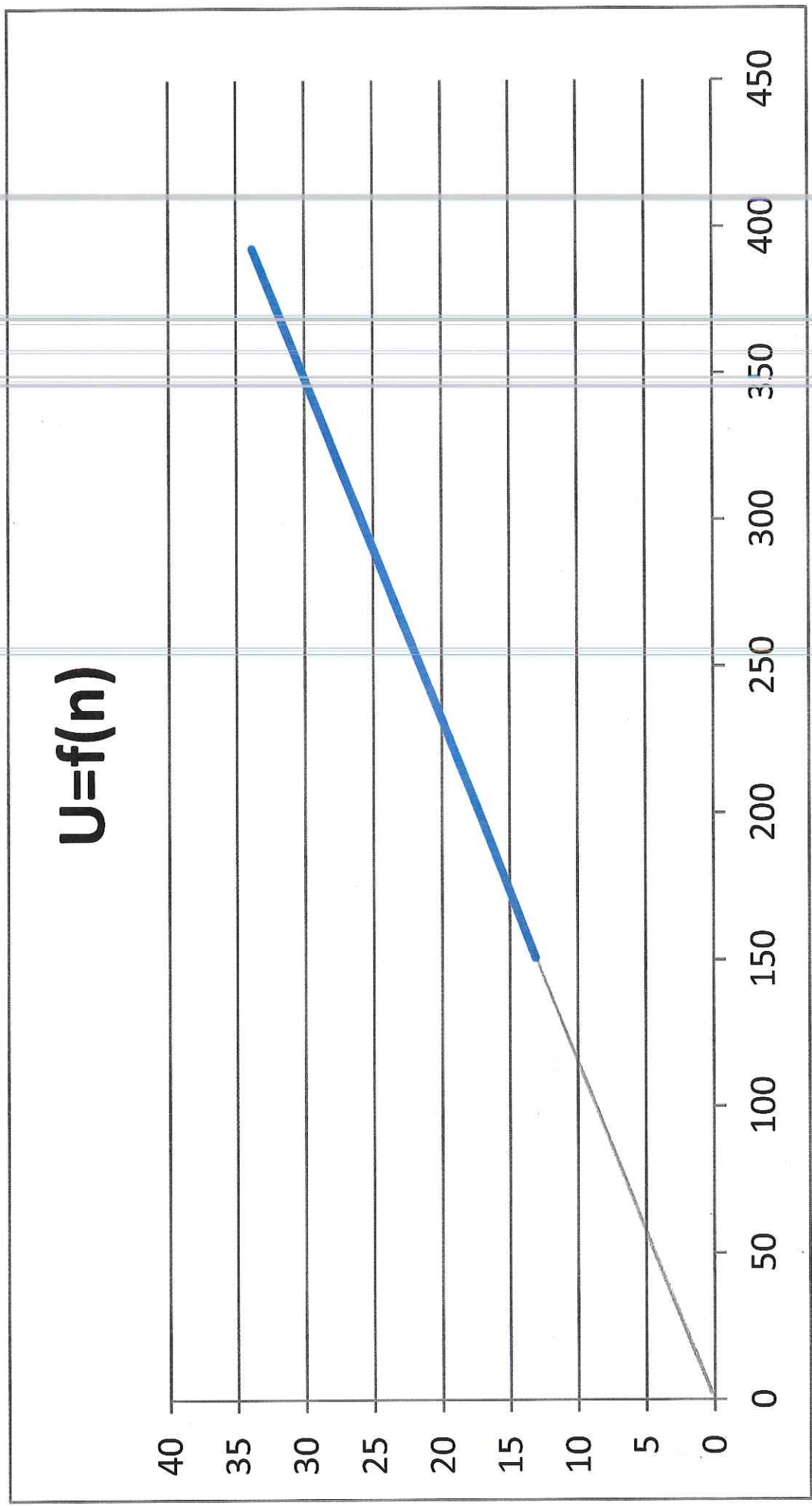
Question 1.13, 1.14

n	U (V)	f (Hz)
150,521739	13,05	57,7
178,747826	15,43	68,52
242,582609	20,88	92,99
274,173913	23,61	105,1
384,782609	33,09	147,5
392,608696	33,78	150,5

Question 14:

On remarque bien la proportionnalité avec la tension efficace et la vitesse.

$$U = k \times n$$

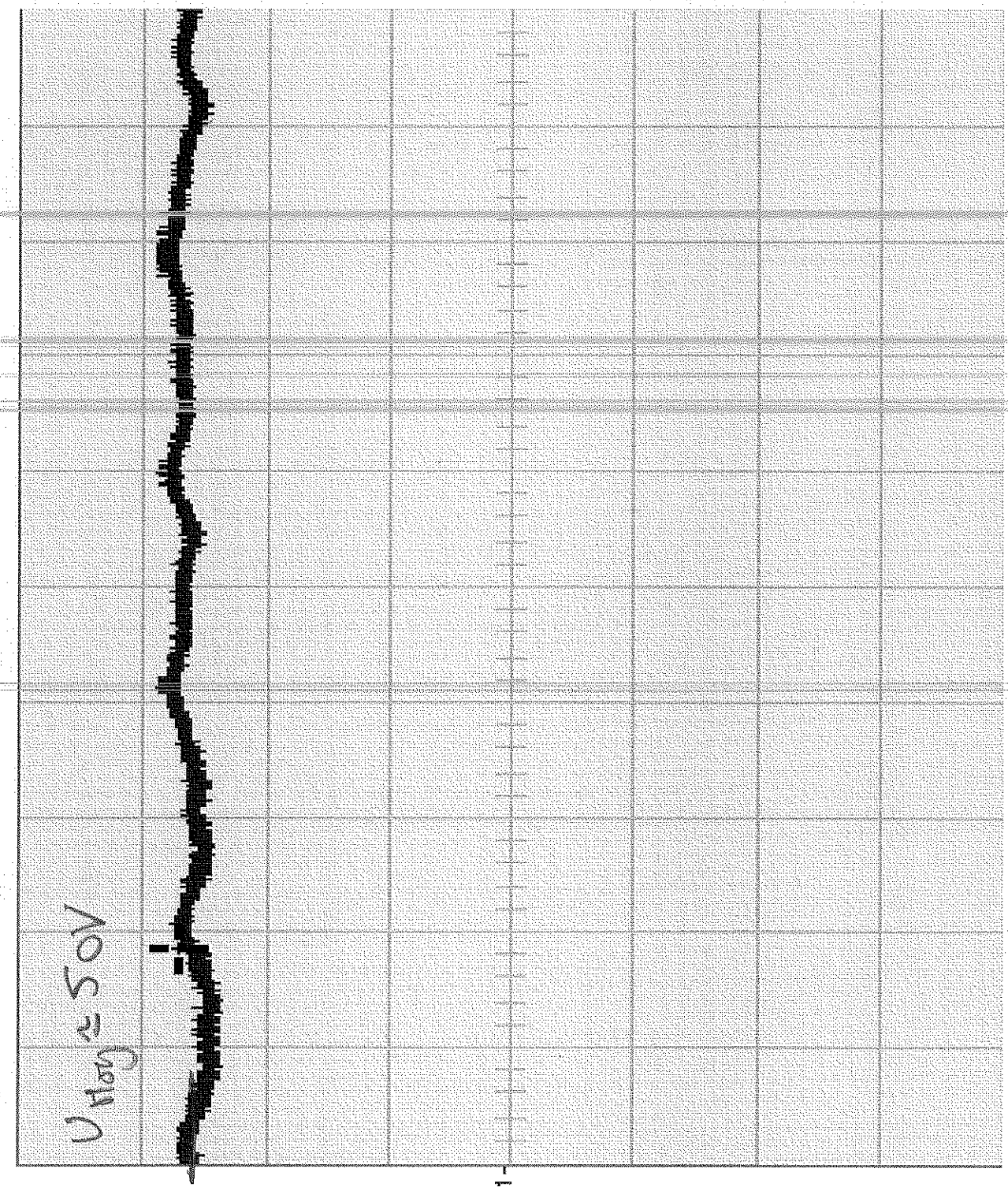


Graph 1

Echelles
1: 20.0 V = 100.0 ms

X = 185.64 ms
Y = 54.099 V

Tension de
sortie du
convertisseur 1

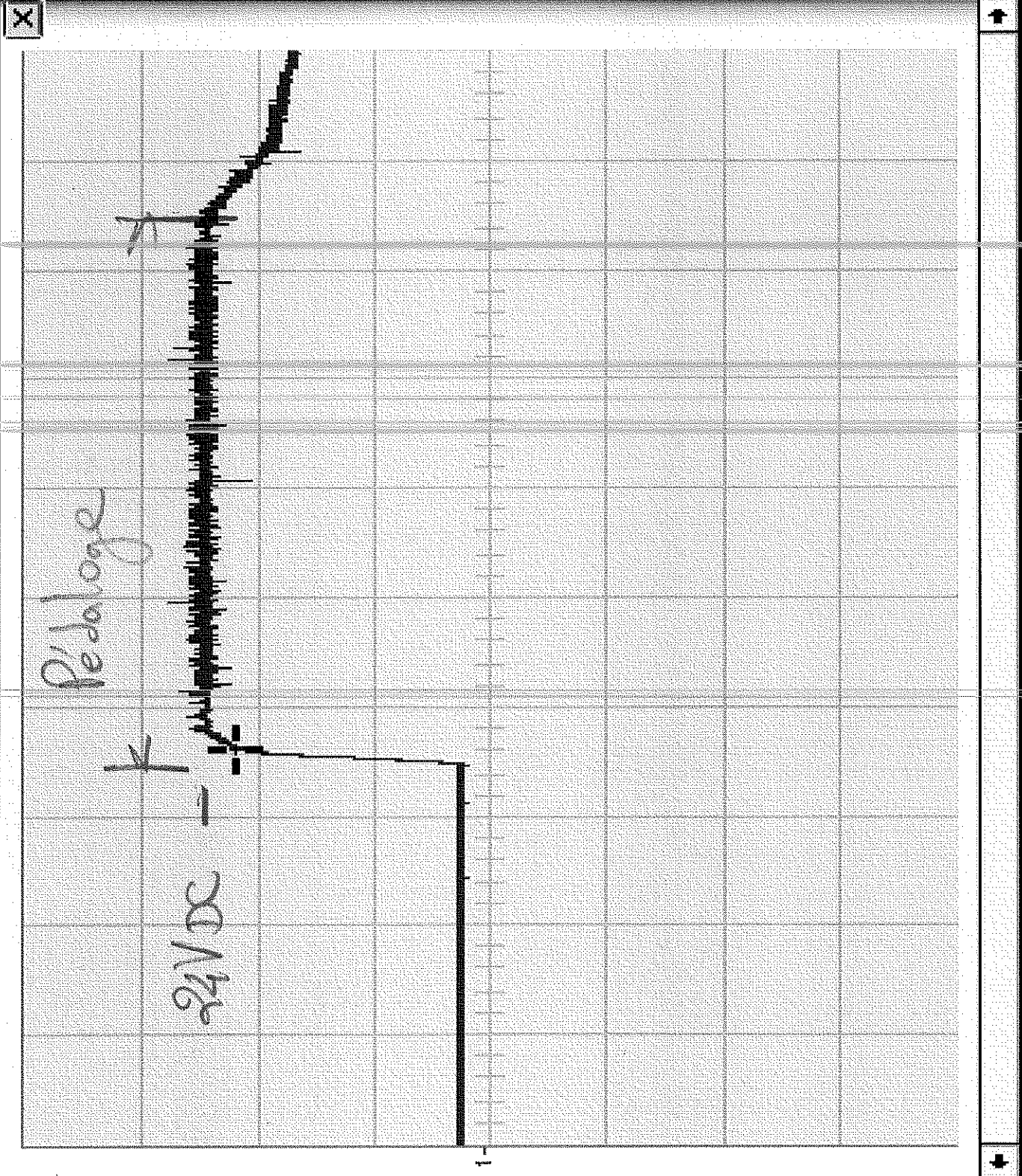


Graphes3

Echelles
1: 10.0V= 1.0s

X = 3.6208 s
Y = 22.060 V

tension de
sortie du
convertisseur
2.



Graphe 2

Echelles
 1: 2.0 V = 20.0 ms
 ↓
 x 200
 400 V/div.

Tension de
 sortie du
 convertisseur
 S.



$U_p = 240\text{ V}$
 Pul sinus.

