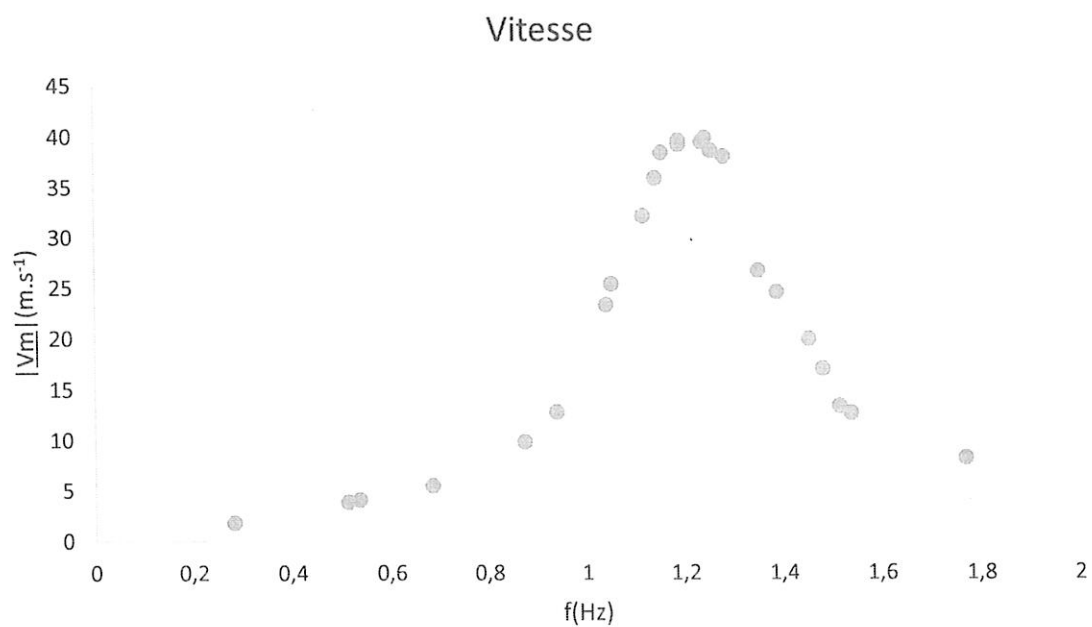
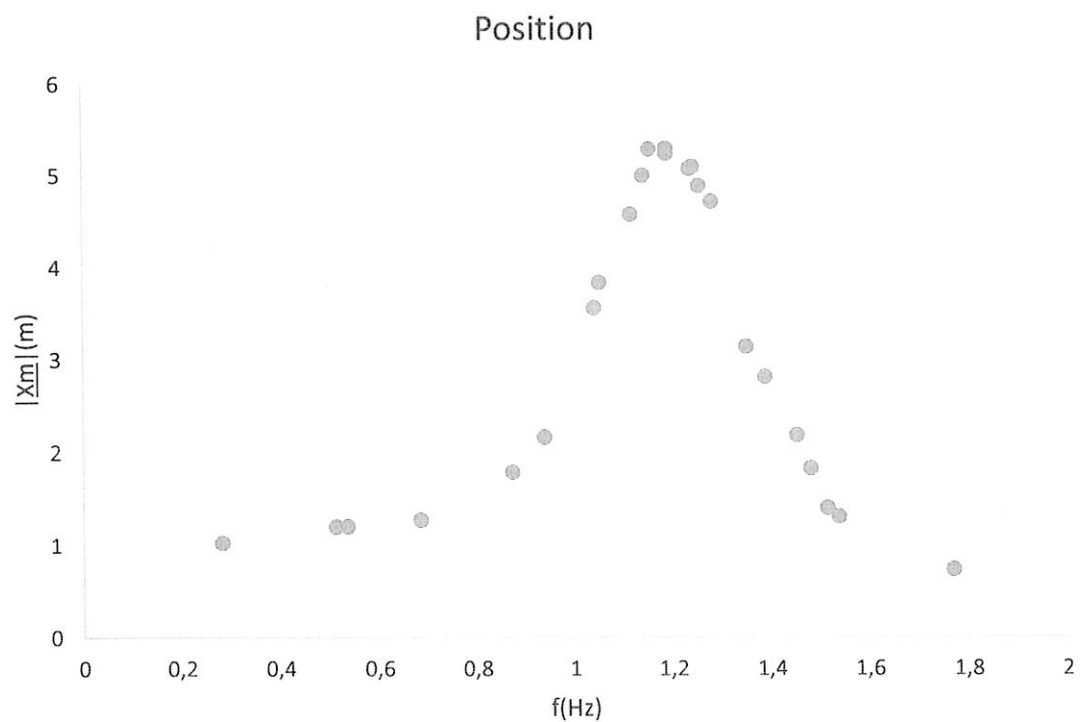
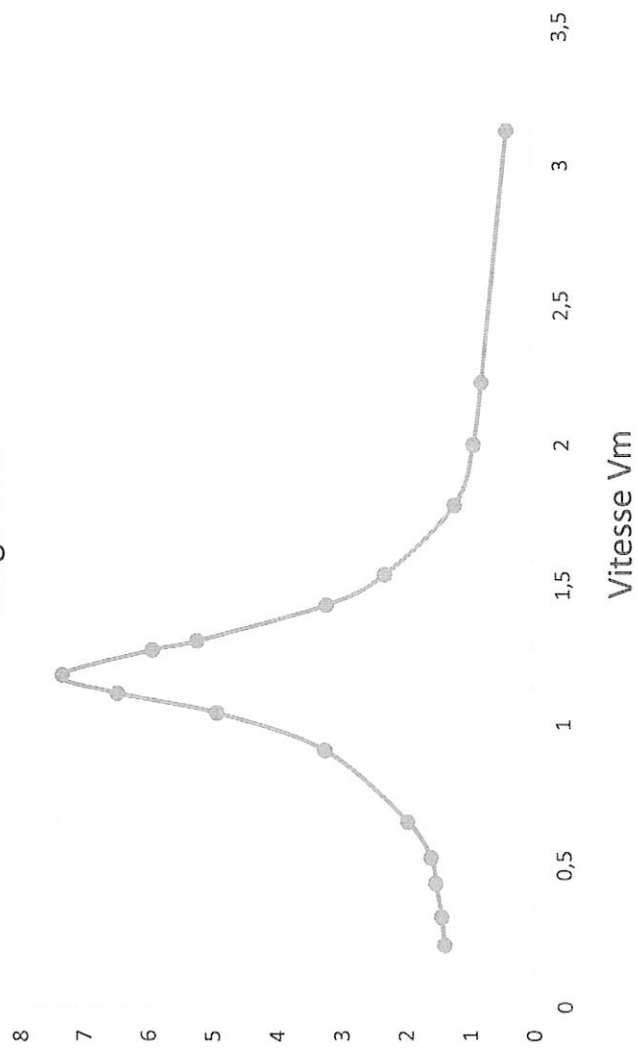




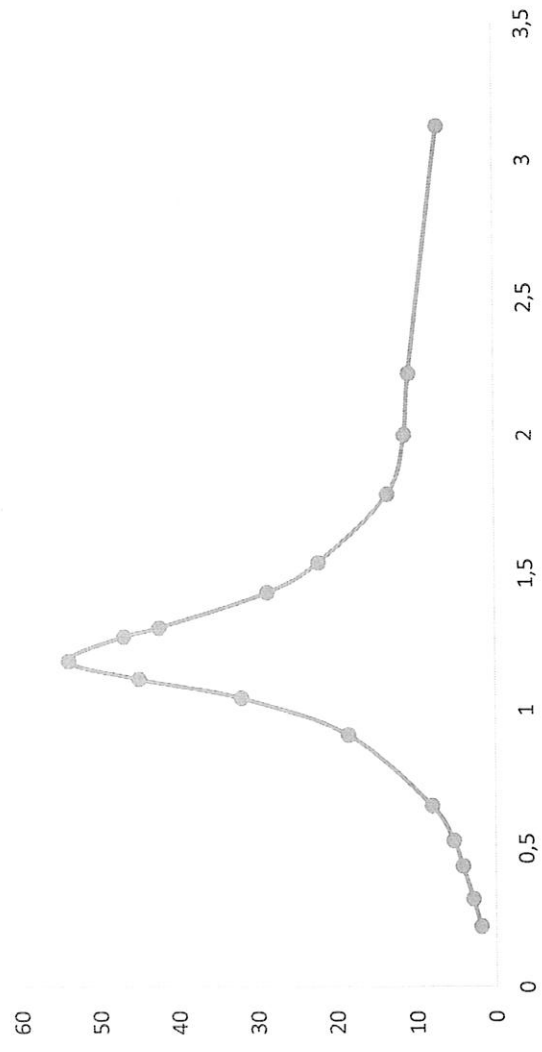
Yanis

Image de  $X_m$



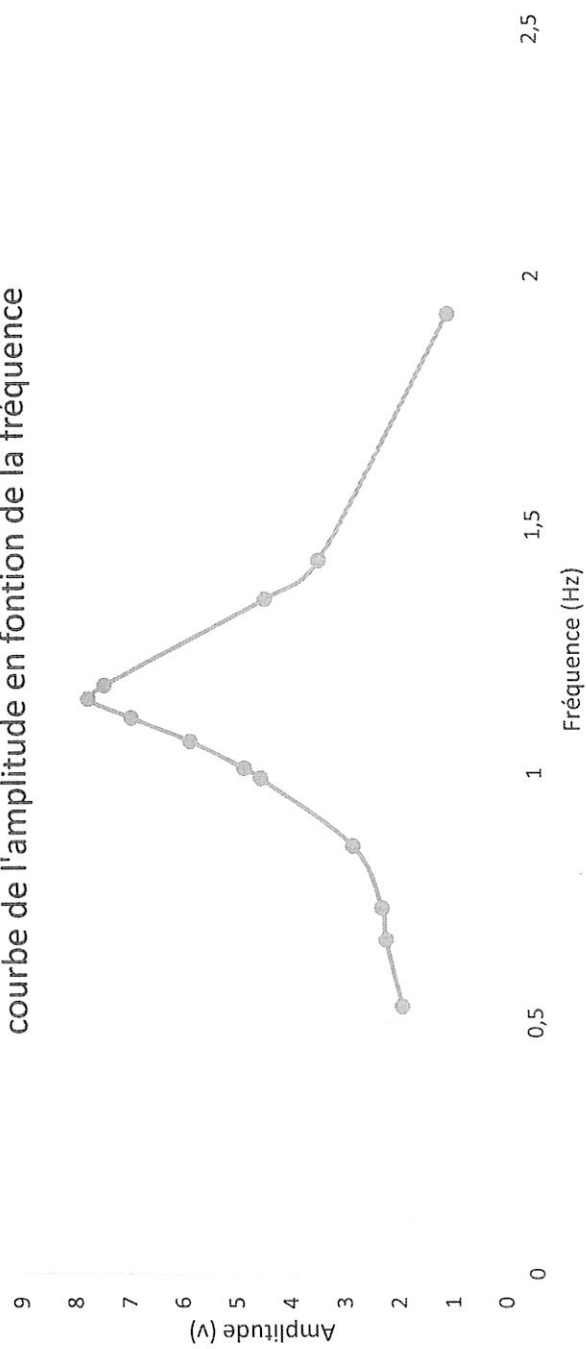
$f(H_2)$

Loris ft. Nathan

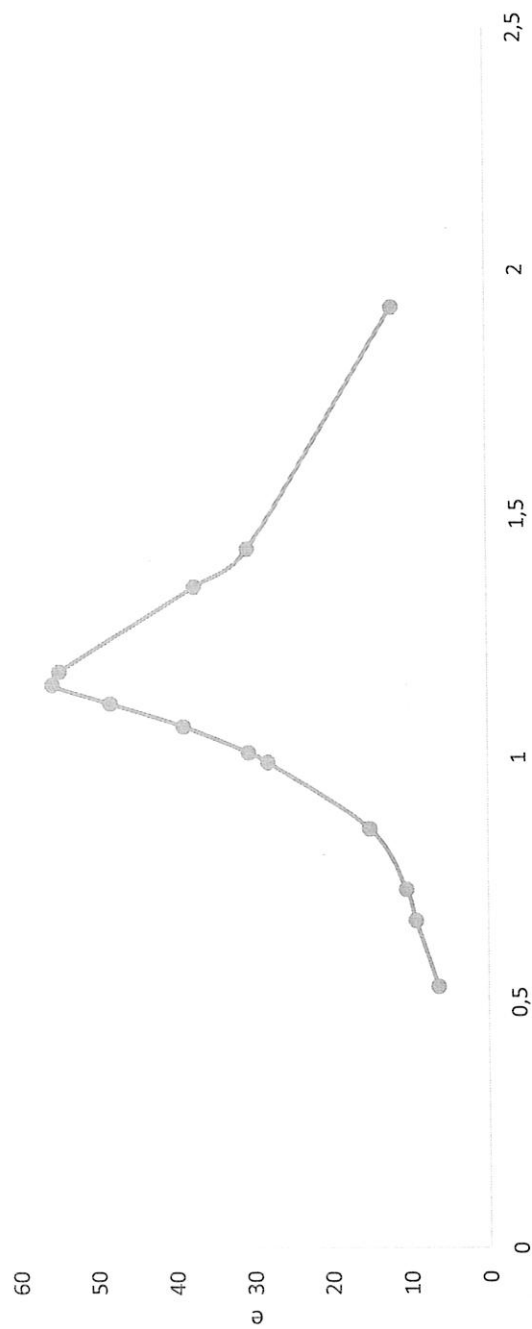


$f(H_2)$

courbe de l'amplitude en fonction de la fréquence



courbe de la "vitesse" en fonction de la fréquence

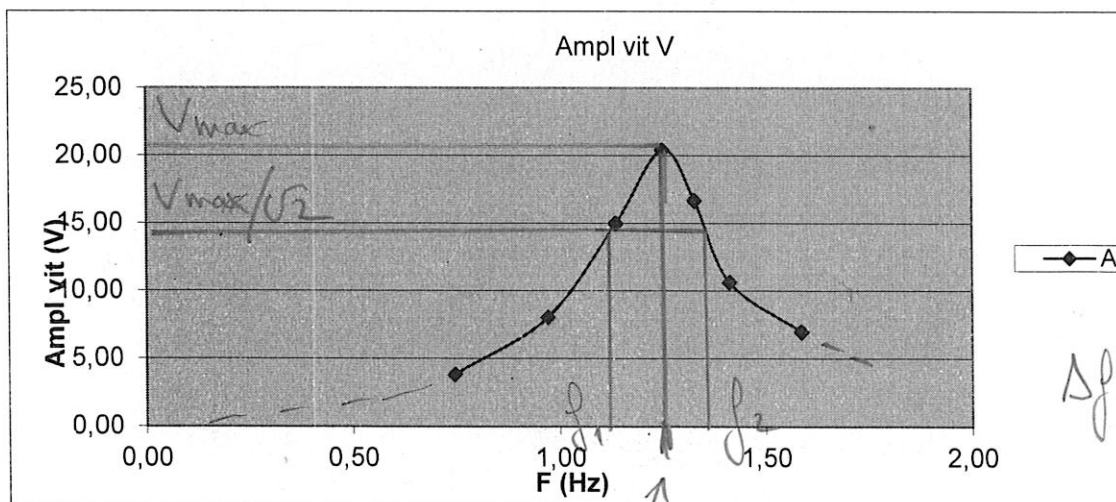
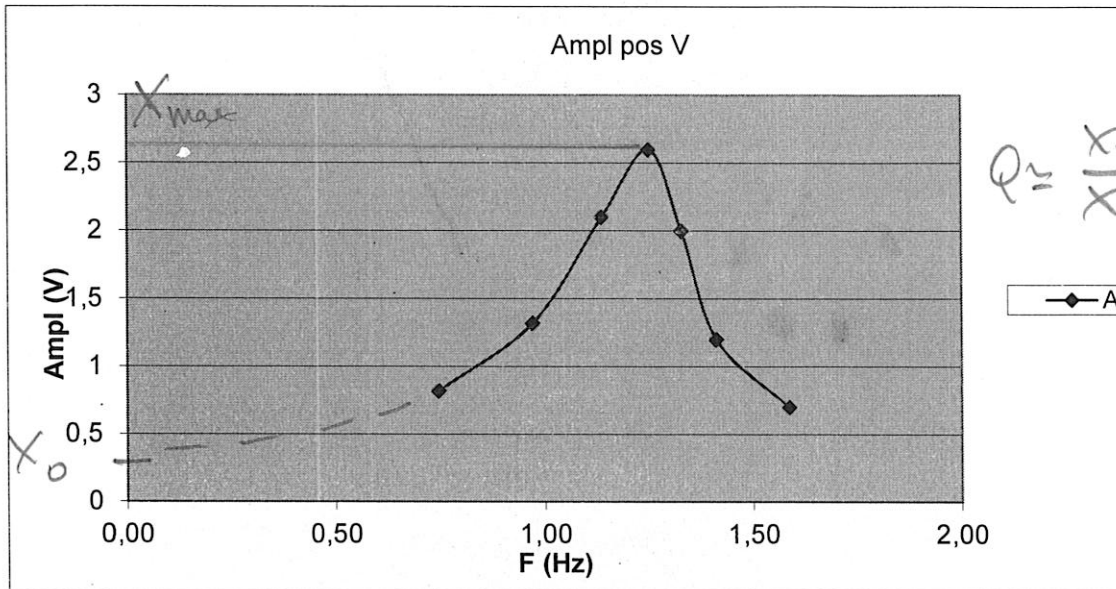


Rechts / Tom

Masse 50 g + amortissement par un bouchon + 2 rondelles

Regime trans  
 $Q \approx 6 \text{ à } 7$

| U<br>V     | T<br>s     | f<br>Hz     | Ampl pos<br>V | Ampl vit<br>V |       |
|------------|------------|-------------|---------------|---------------|-------|
|            | 2,2        | 1,34        | 0,75          | 0,82          | 3,84  |
|            |            | 1,03        | 0,97          | 1,32          | 8,05  |
| 3          | 0,88       | 1,14        | 1,14          | 2,1           | 14,99 |
| <b>3,3</b> | <b>0,8</b> | <b>1,25</b> | <b>2,6</b>    | <b>20,41</b>  |       |
| 3,5        | 0,753      | 1,33        | 1,33          | 2             | 16,68 |
| 3,7        | 0,708      | 1,41        | 1,2           | 1,2           | 10,64 |
| 4          | 0,63       | 1,59        | 0,7           | 0,7           | 6,98  |



$f_0 = f_R$

$Q = \frac{f_0}{\Delta f} \approx 5$