

Exercice 8A.1 :

Déterminer le maximum M et le minimum m des fonctions suivantes sur les intervalles proposés :

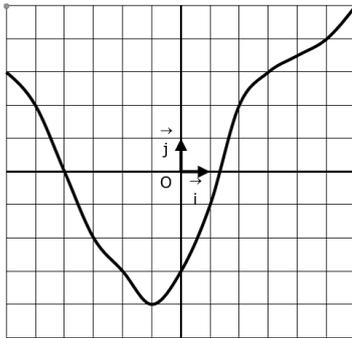


Figure 1

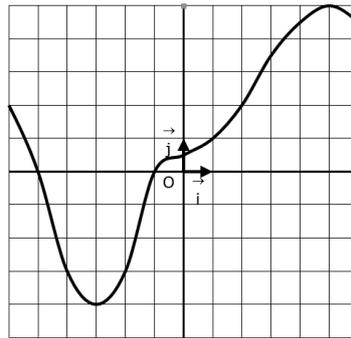


Figure 2

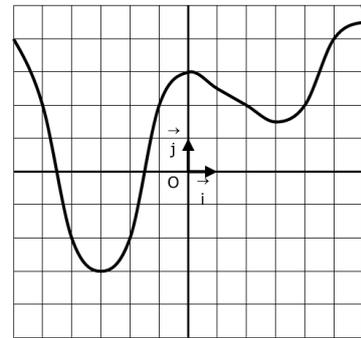


Figure 3

Sur $[-6;6]$: $M=.....$ et $m=.....$

$M=.....$ et $m=.....$

$M=.....$ et $m=.....$

Sur $[-2;4]$: $M=.....$ et $m=.....$

$M=.....$ et $m=.....$

$M=.....$ et $m=.....$

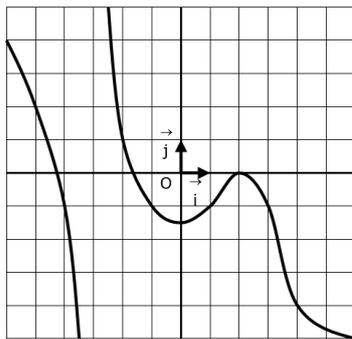


Figure 4

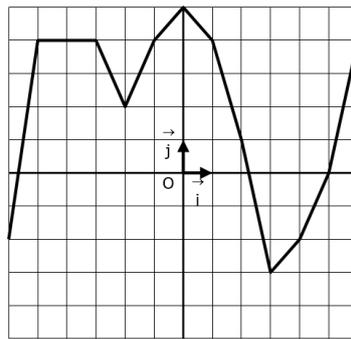


Figure 5

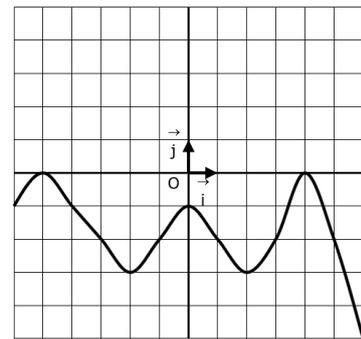


Figure 6

Sur $[-2;6]$: $M=.....$ et $m=.....$

$M=.....$ et $m=.....$

$M=.....$ et $m=.....$

Sur $[-2;4]$: $M=.....$ et $m=.....$

$M=.....$ et $m=.....$

$M=.....$ et $m=.....$

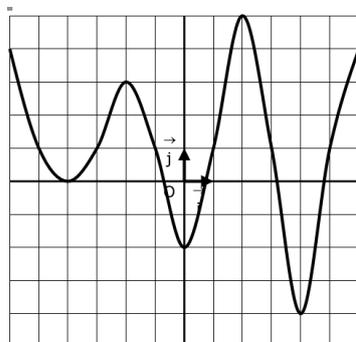


Figure 7

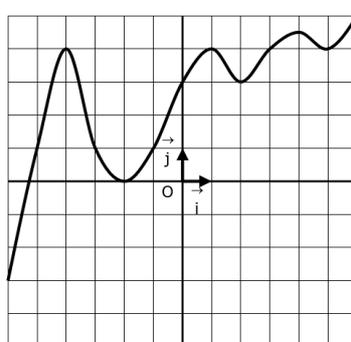


Figure 8

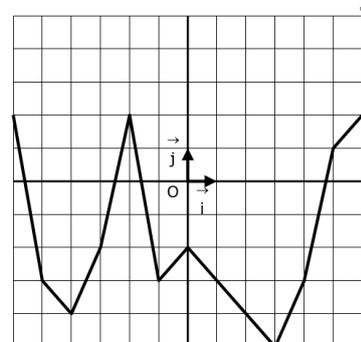


Figure 9

Sur $[-6;6]$: $M=.....$ et $m=.....$

$M=.....$ et $m=.....$

$M=.....$ et $m=.....$

Sur $[-2;4]$: $M=.....$ et $m=.....$

$M=.....$ et $m=.....$

$M=.....$ et $m=.....$

CORRIGE – Notre Dame de La Merci - Montpellier**Exercice 8A.1 :**

Déterminer le maximum et le minimum des fonctions suivantes sur les intervalles proposés :

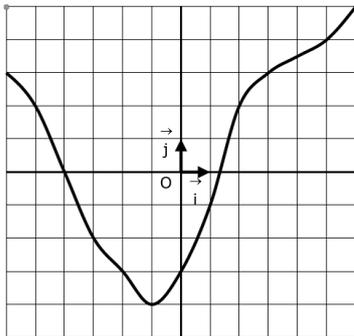


Figure 1

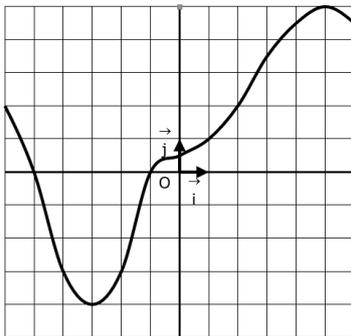


Figure 2

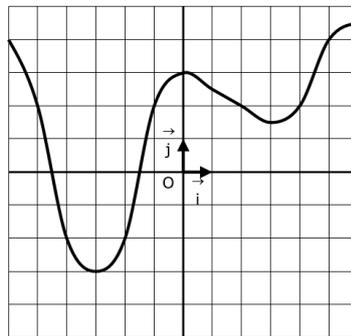


Figure 3

Sur $[-6;6]$: $M=5$ et $m=-4$

$M=5$ et $m=-4$

$M=4,5$ et $m=-3$

Sur $[-2;4]$: $M=3,5$ et $m=-4$

$M=4,5$ et $m=-3$

$M=3$ et $m=-2$

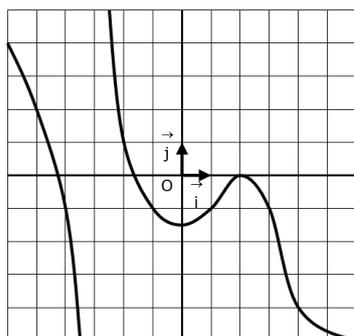


Figure 4

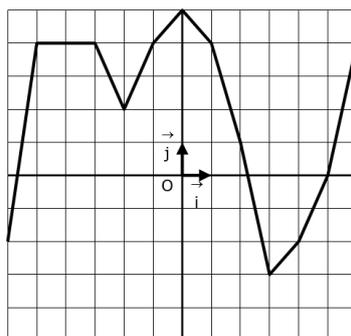


Figure 5

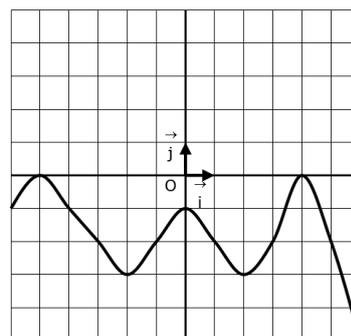


Figure 6

Sur $[-2;6]$: $M=1$ et $m=-5$

$M=5$ et $m=-3$

$M=0$ et $m=-5$

Sur $[-2;4]$: $M=1$ et $m=-4$

$M=5$ et $m=-3$

$M=0$ et $m=-3$

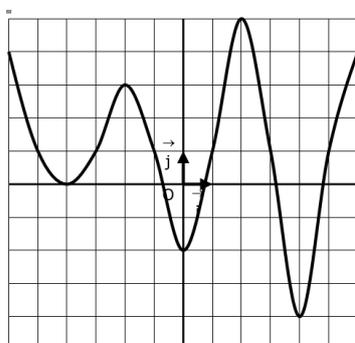


Figure 7

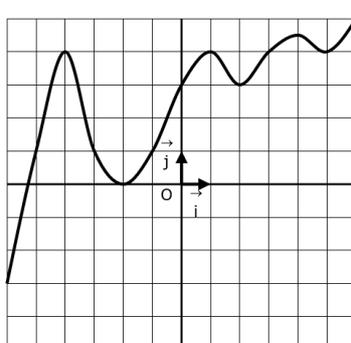


Figure 8

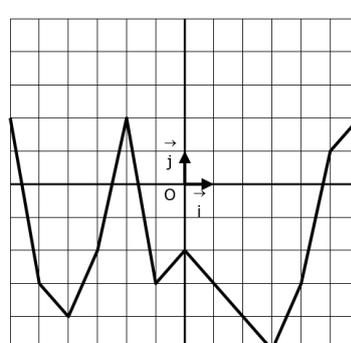


Figure 9

Sur $[-6;6]$: $M=5$ et $m=-4$

$M=5$ et $m=-3$

$M=2$ et $m=-5$

Sur $[-2;4]$: $M=5$ et $m=-4$

$M=4,5$ et $m=0$

$M=2$ et $m=-5$