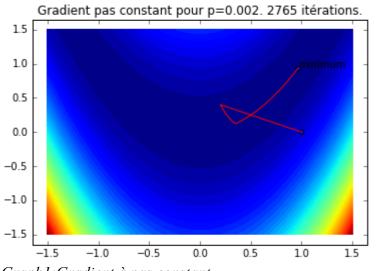
## Annexe 1 : Méthodes de gradient



procédé de dichotomie : 937 itérations

1.5

1.0

0.5

-0.5

-1.0

-1.5

-1.5

-1.0

-0.5

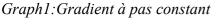
0.0

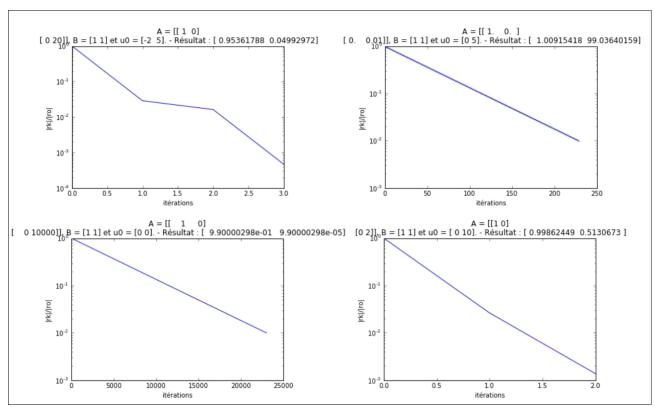
0.5

1.0

1.5

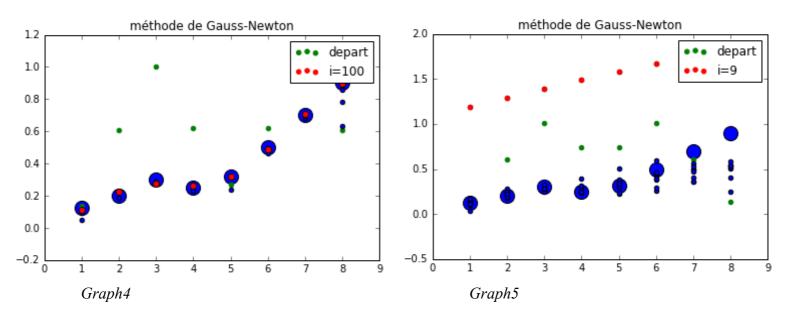
Graph3 : procédé dichotomique





Graph 2: Gradient optimal

## Annexe 2 : Méthode de Gauss-Newton



## **Annexe 3: Applications**

