

# Oscillateur harmonique avec amortissement

François Dubois\*

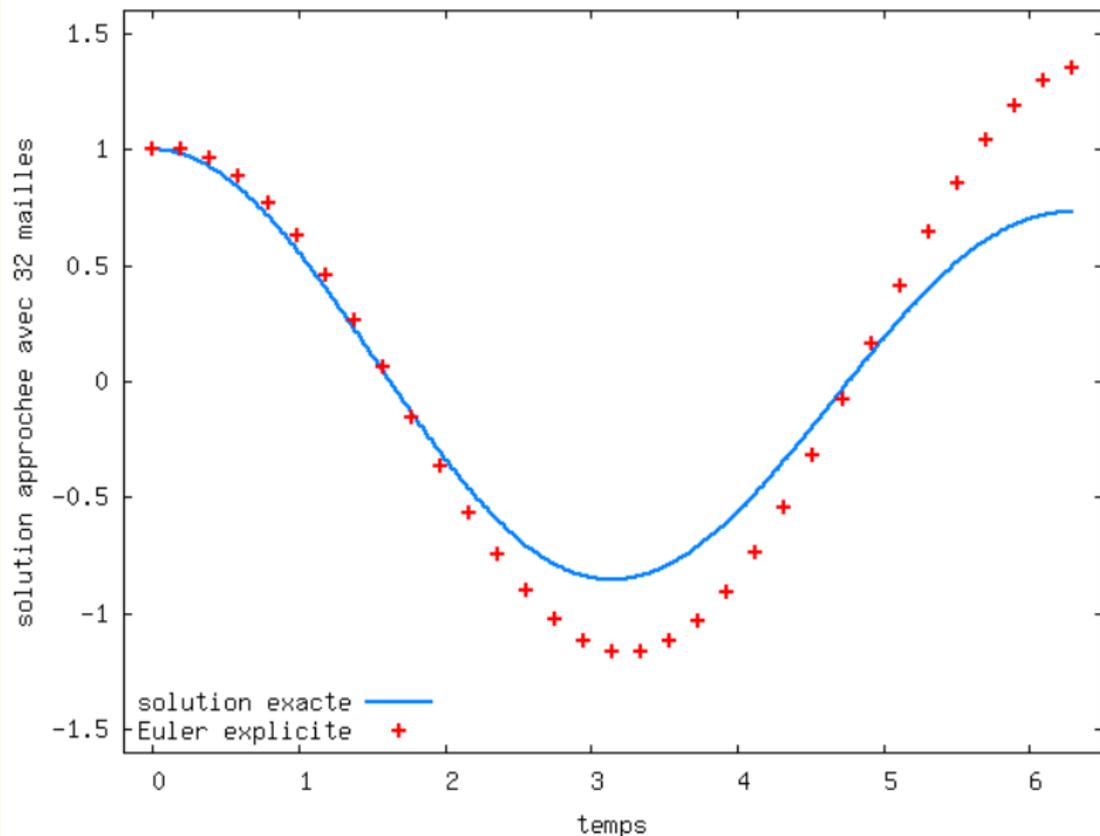
**Introduction à l'Analyse Numérique  
des Equations aux Dérivées Partielles  
Cours 2, 05 avril 2017**

**CNAM Saint-Denis, ingénieurs en aérodynamique**

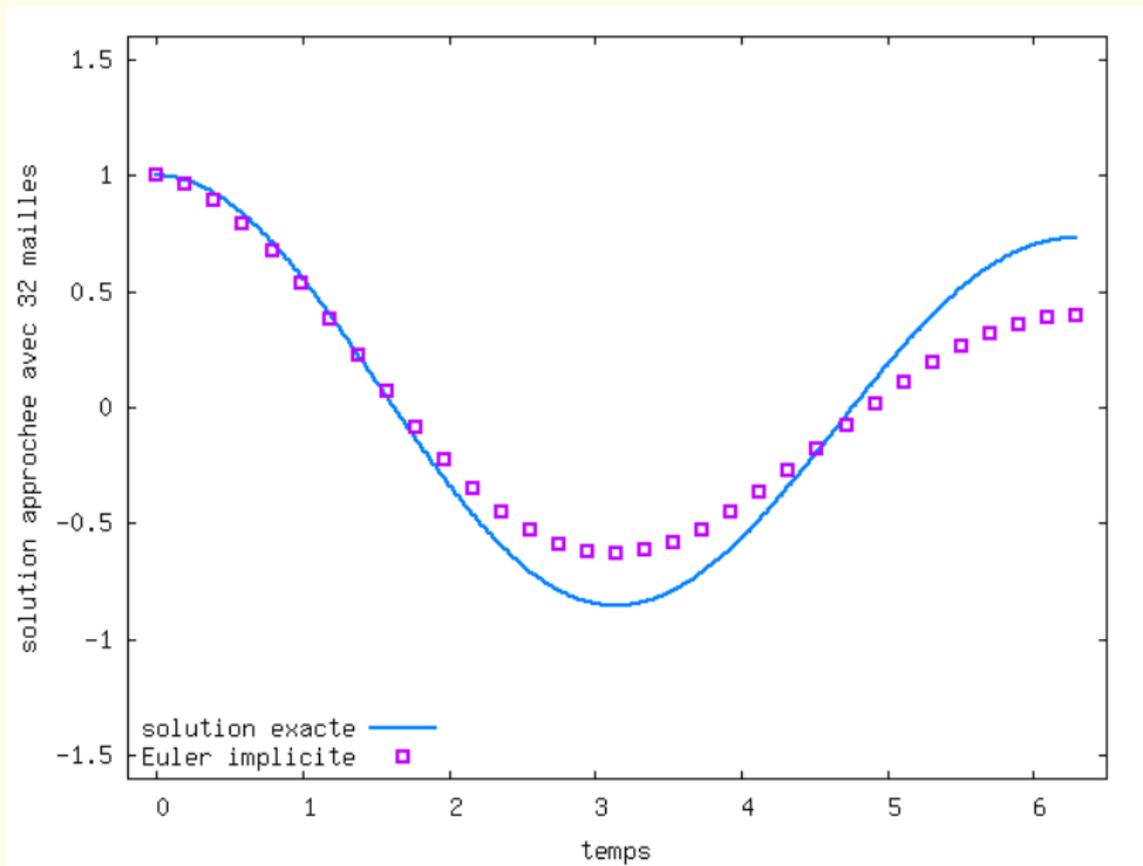
---

\* Conservatoire National des Arts et Métiers, Paris

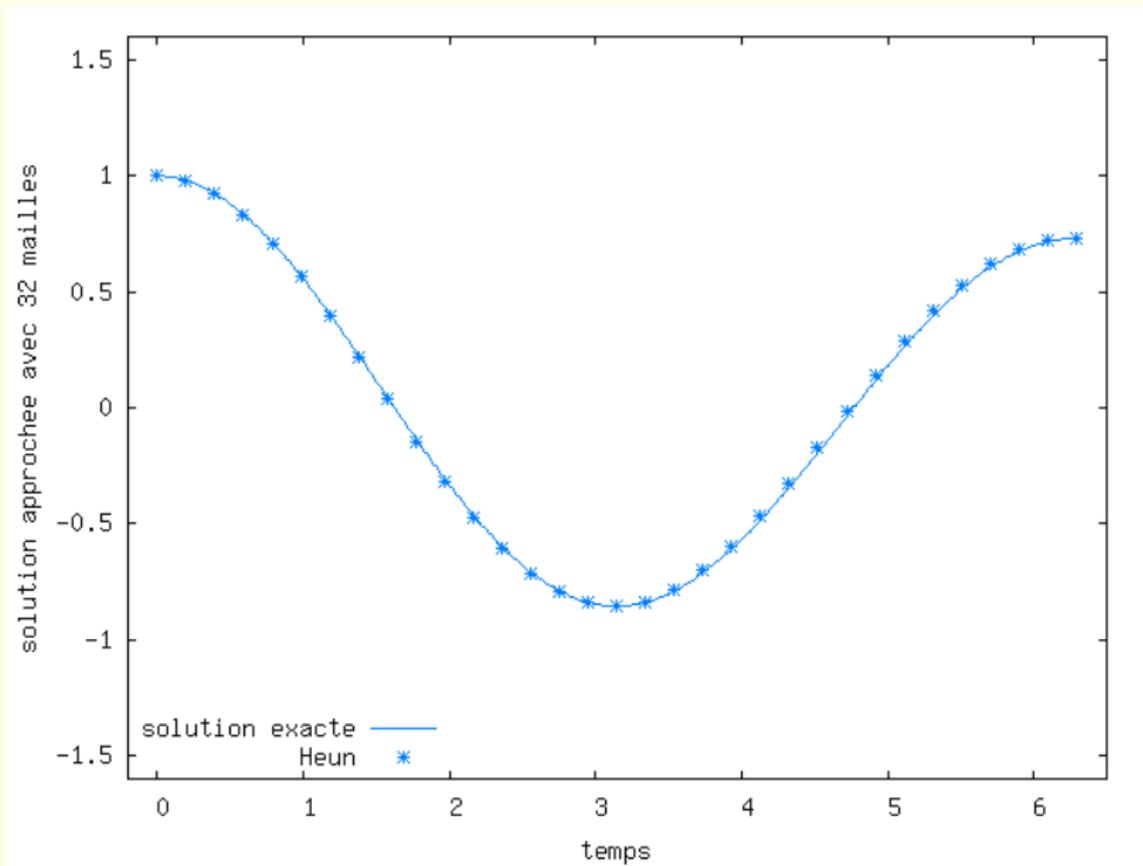
# Cycle limite amorti



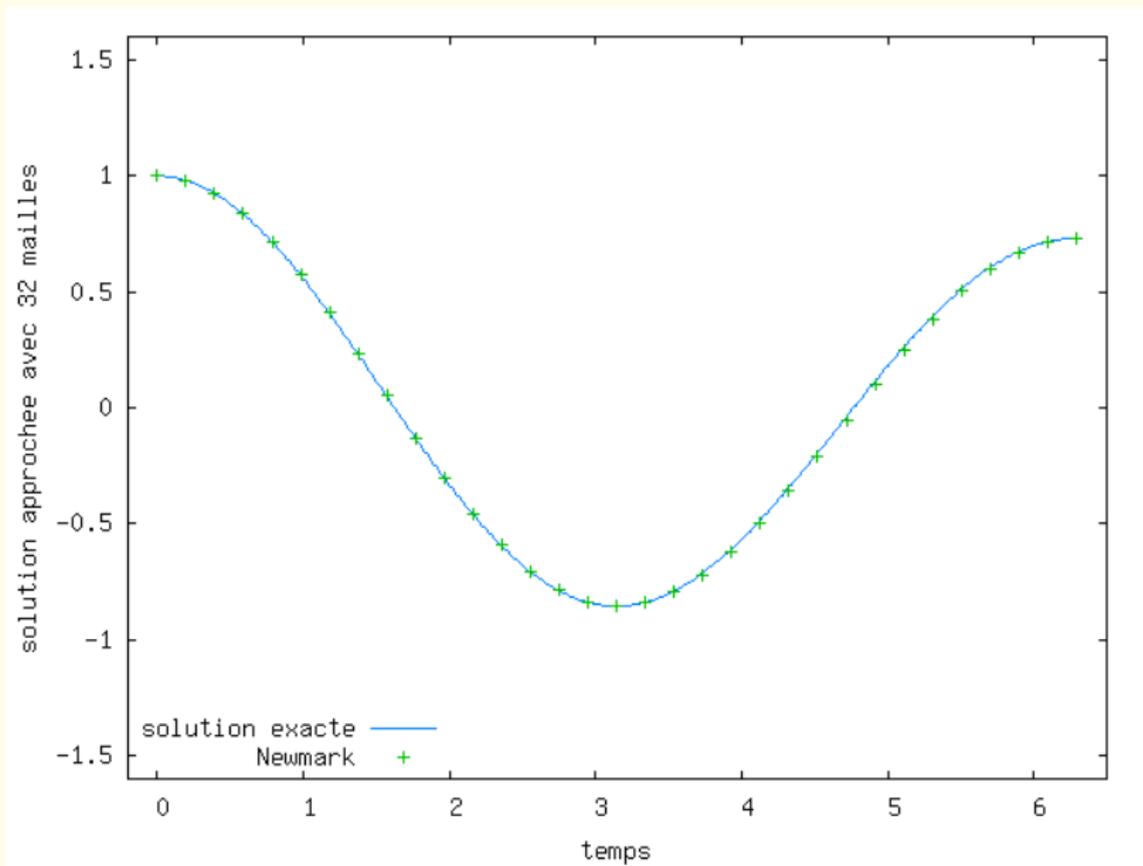
## Cycle limite amorti (ii)

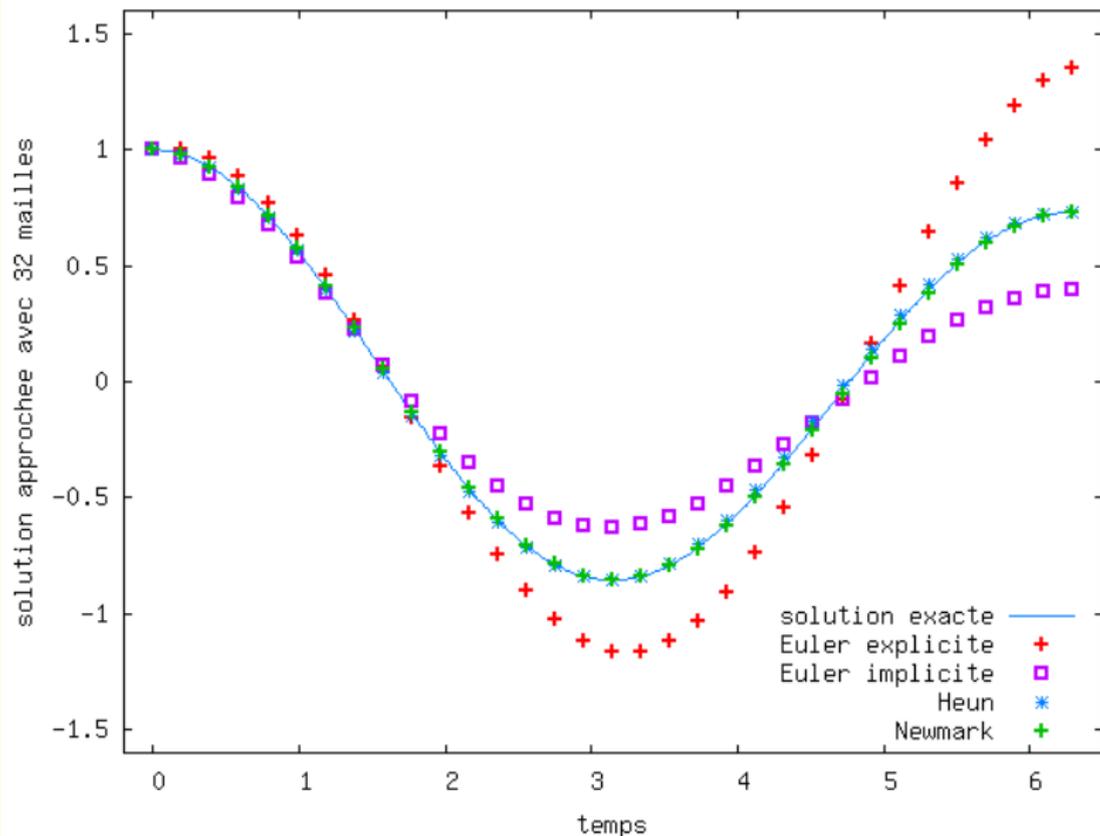


## Cycle limite amorti (iii)

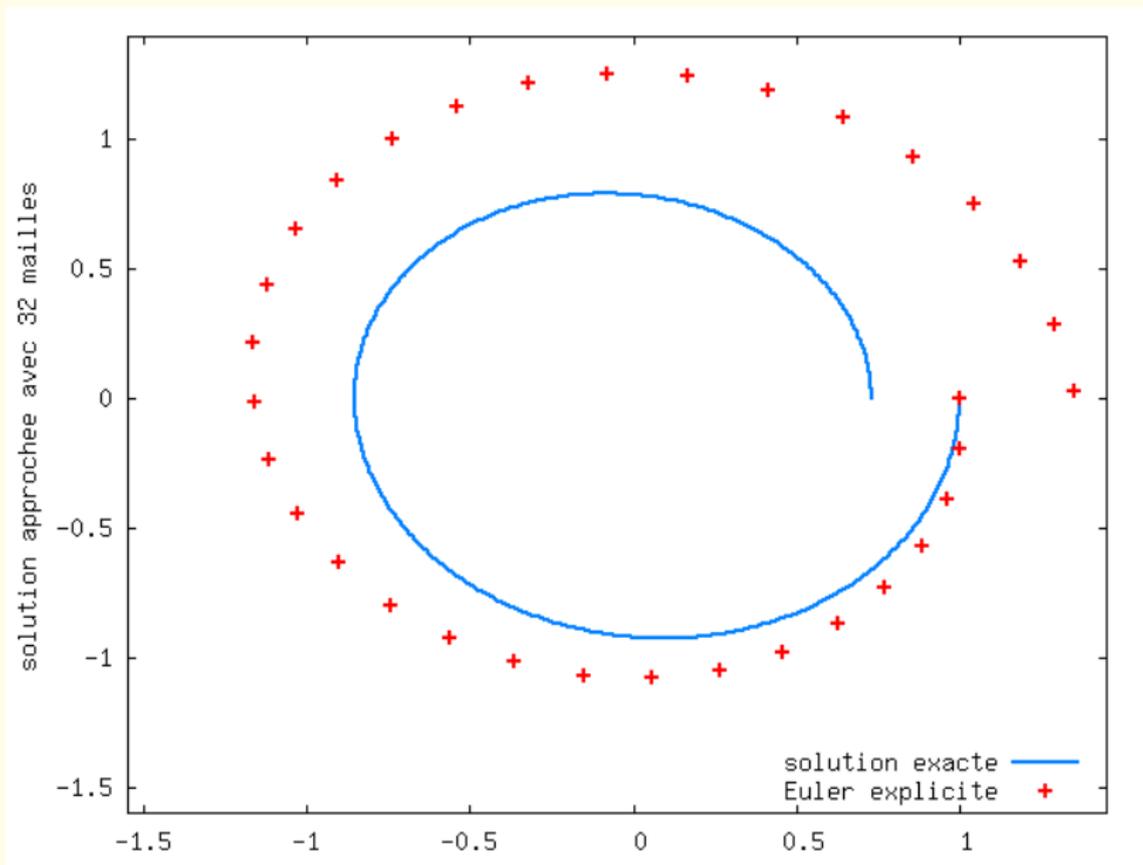


## Cycle limite amorti (iv)

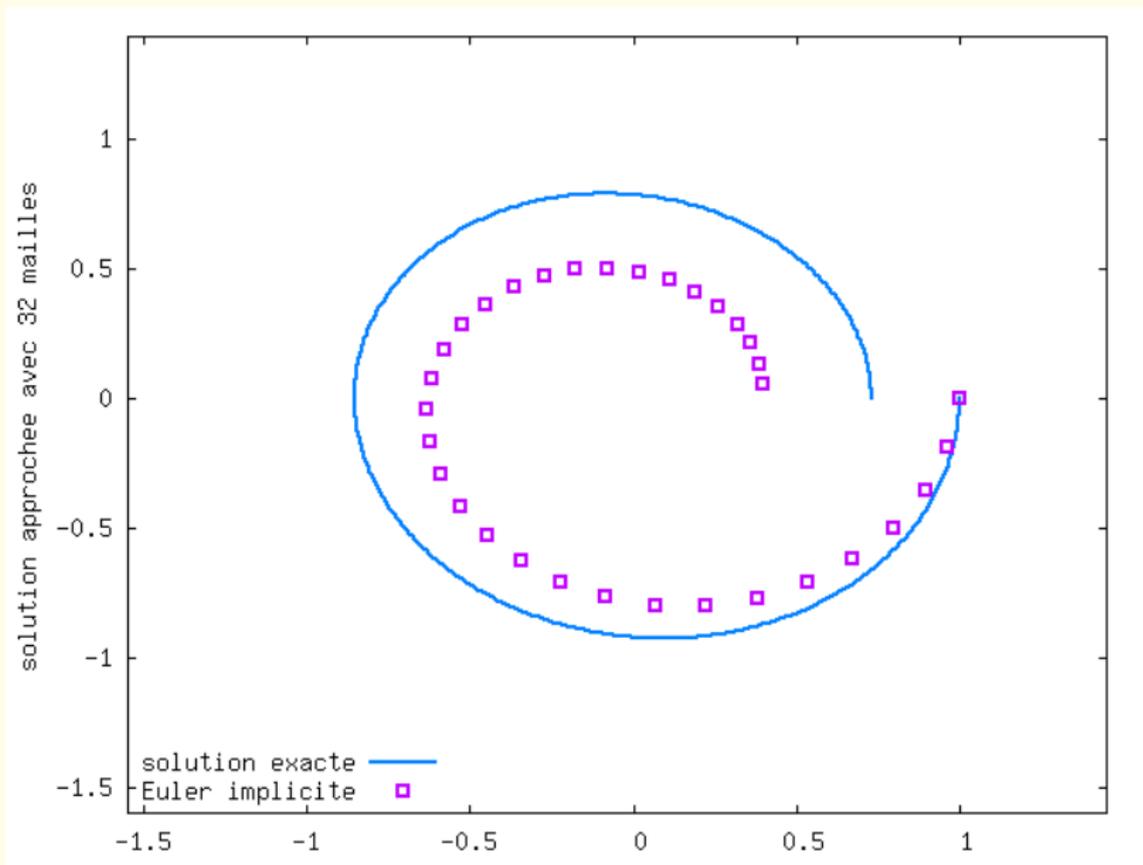


Cycle limite amorti ( $v$ )

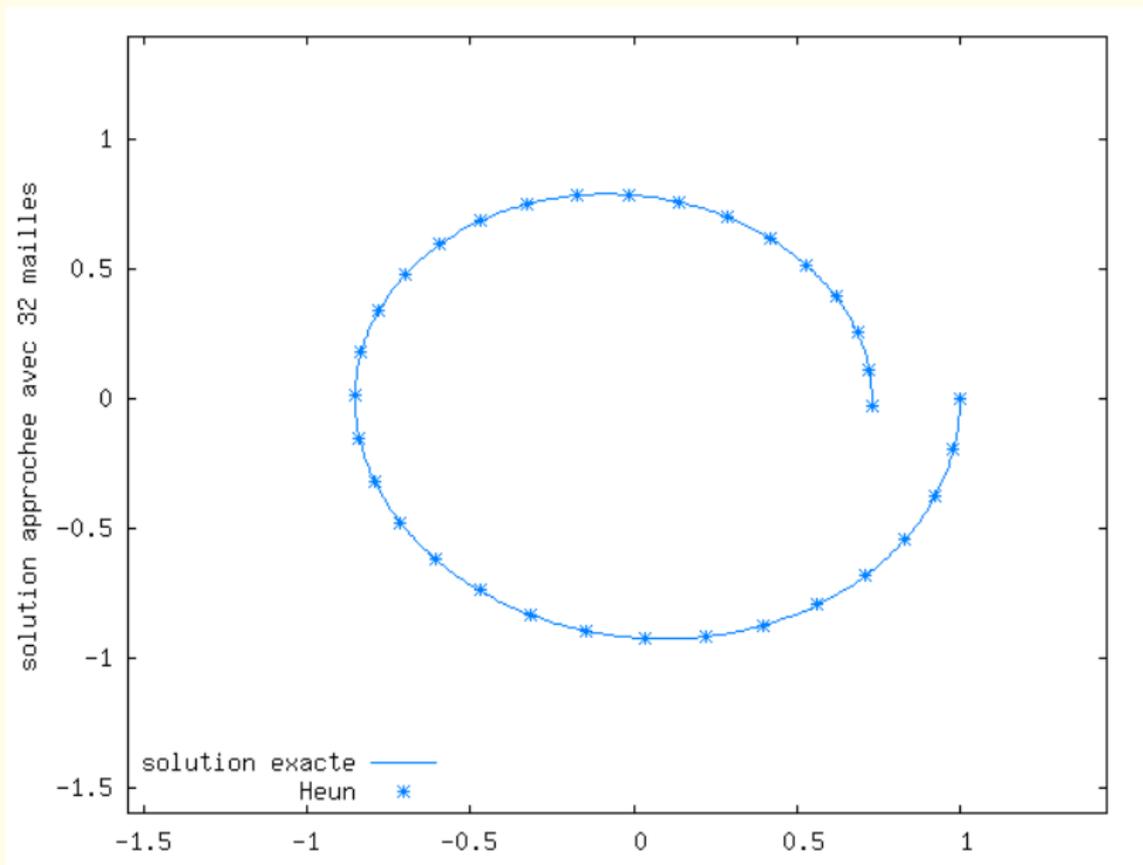
## Cycle limite amorti, plan de phase



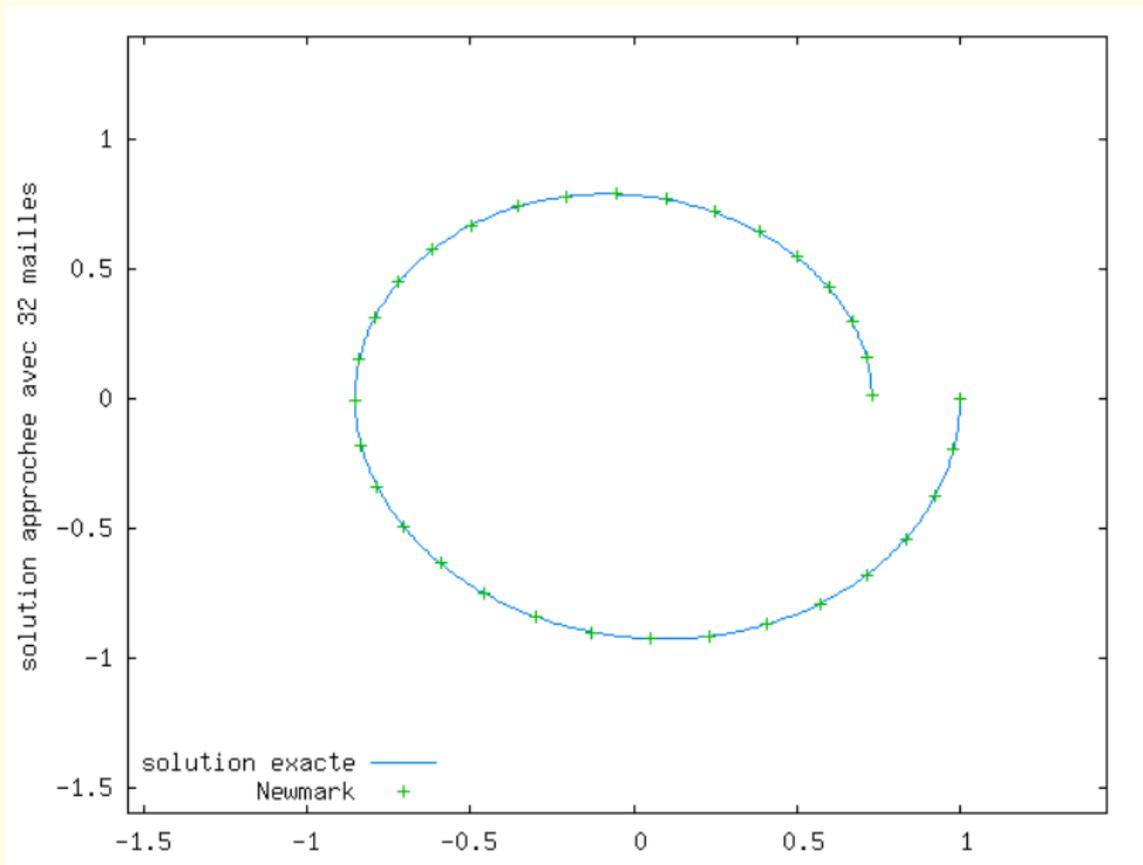
## Cycle limite amorti, plan de phase (ii)



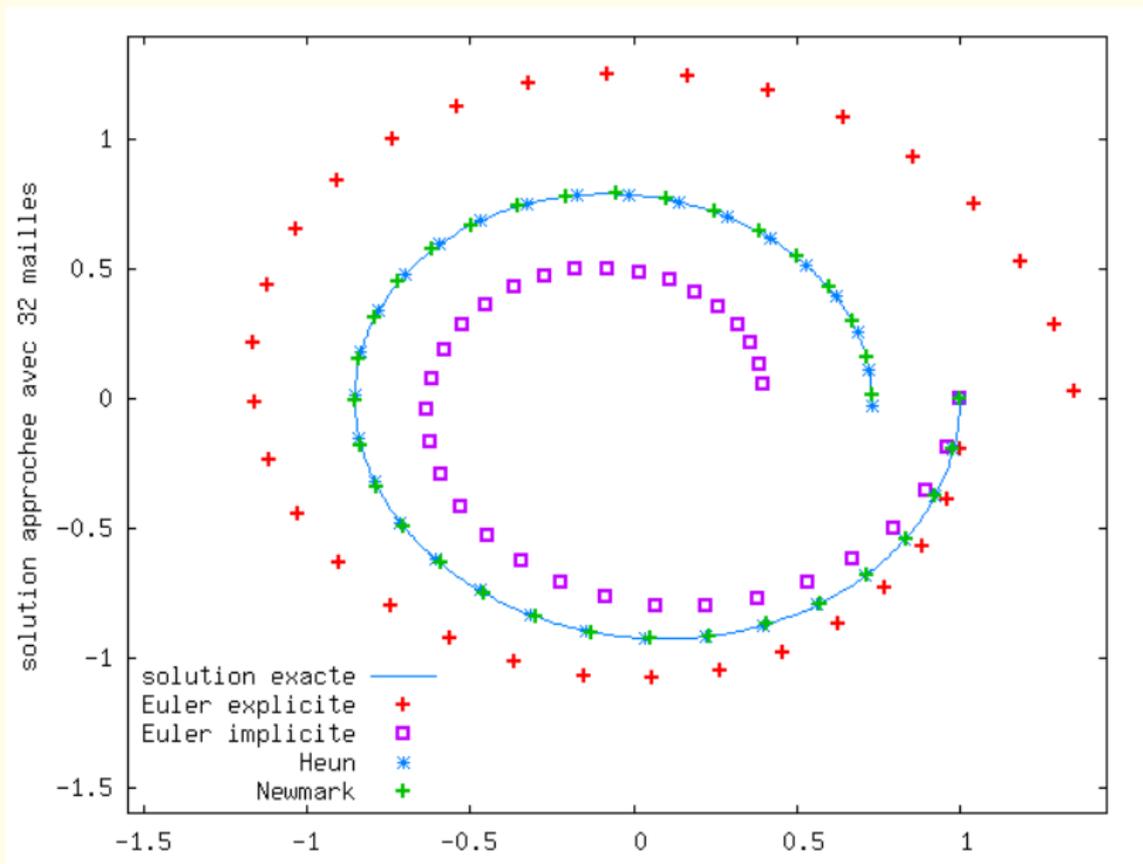
## Cycle limite amorti, plan de phase (iii)



## Cycle limite amorti, plan de phase (iv)



## Cycle limite amorti, plan de phase (v)



# Précision des schémas

