

# Oscillateur harmonique sans amortissement

François Dubois\*

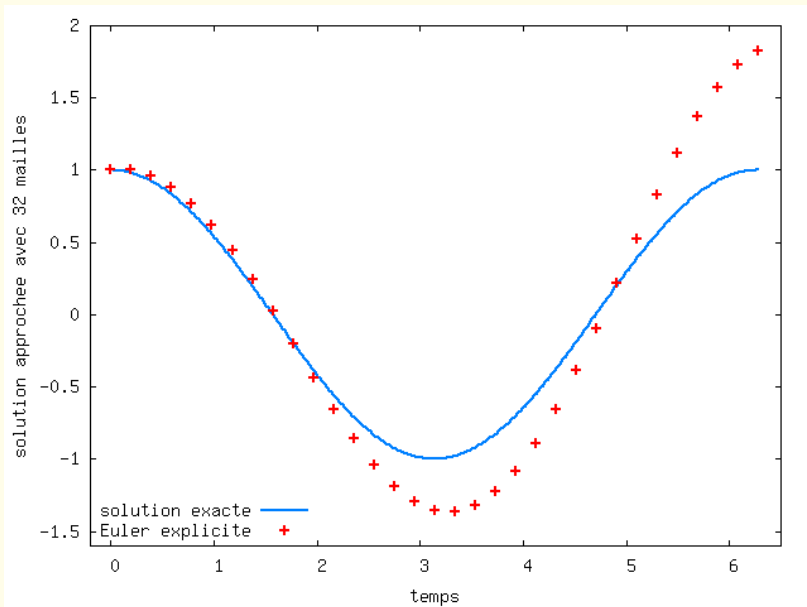
**Introduction à l'Analyse Numérique  
des Equations aux Dérivées Partielles  
Cours 2, 16 janvier 2018**

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

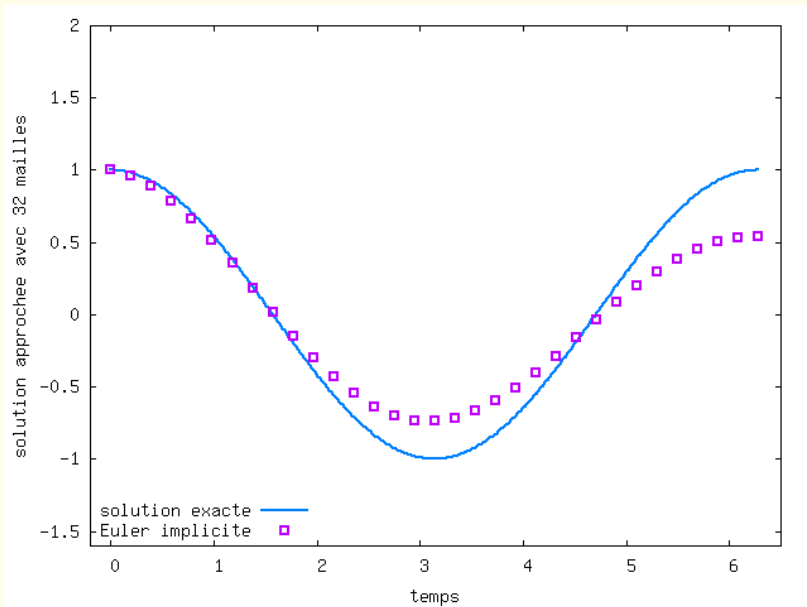
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\* Conservatoire National des Arts et Métiers, Paris

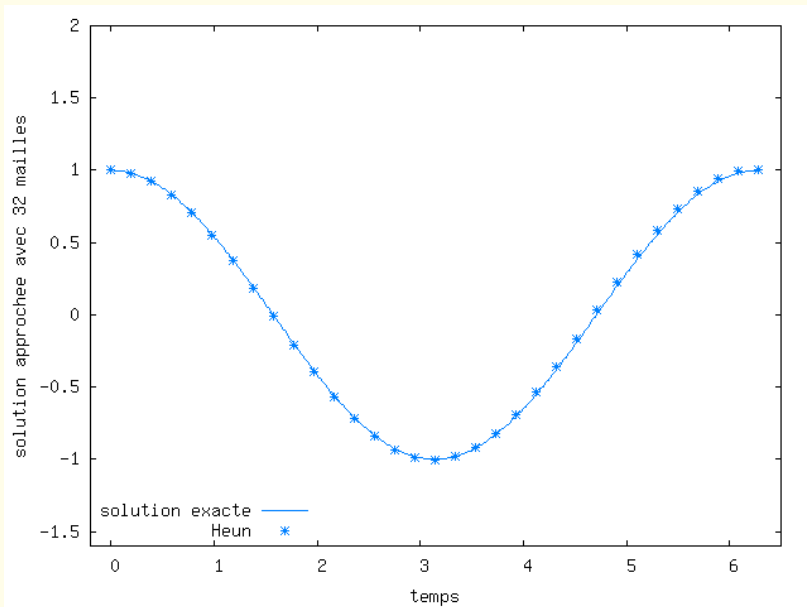
# Cycle limite non amorti



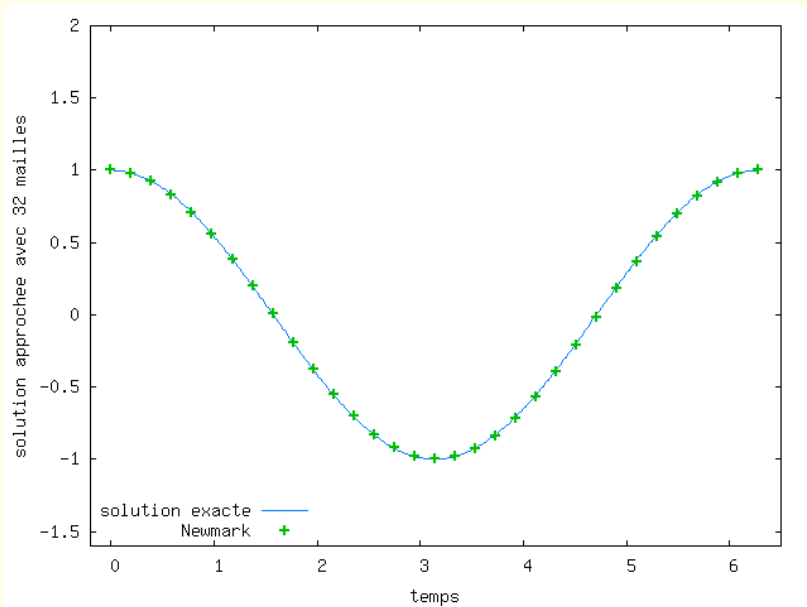
## Cycle limite non amorti (ii)



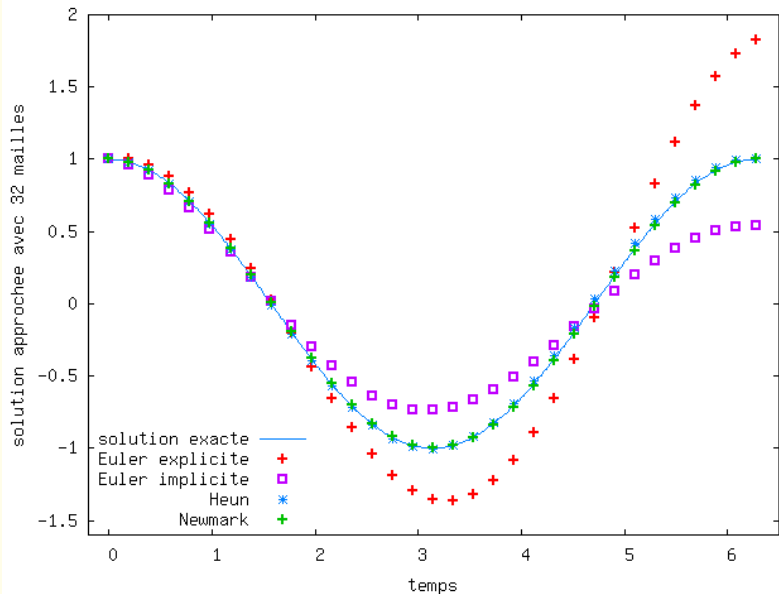
## Cycle limite non amorti (iii)



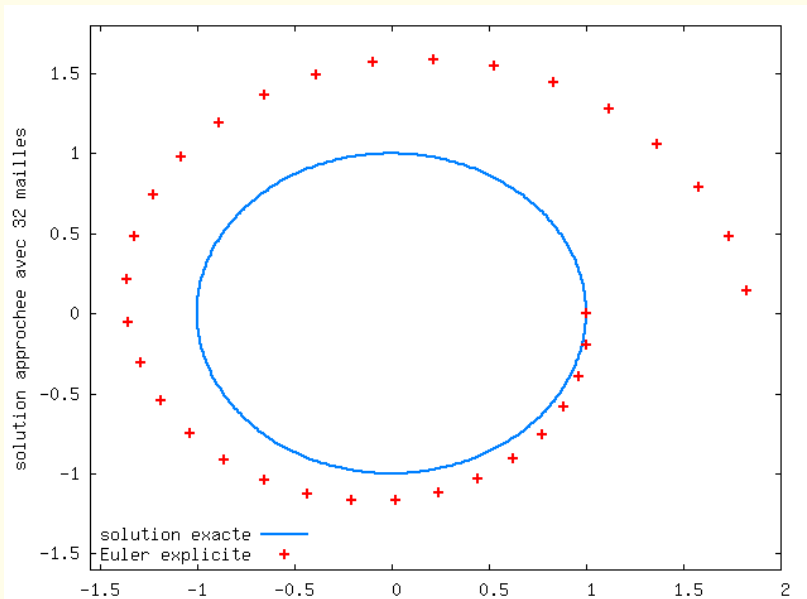
## Cycle limite non amorti (iv)



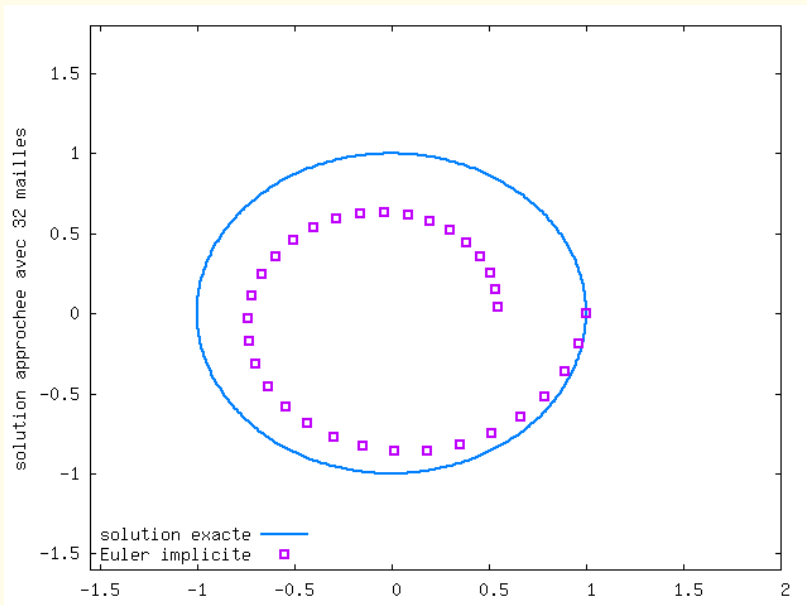
## Cycle limite non amorti (v)



## Cycle limite non amorti, plan de phase

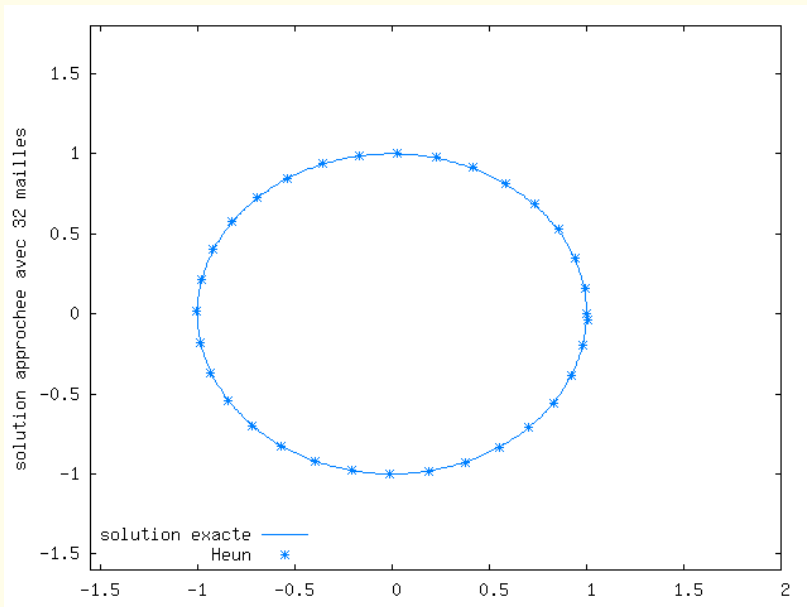


## Cycle limite amorti, plan de phase (ii)

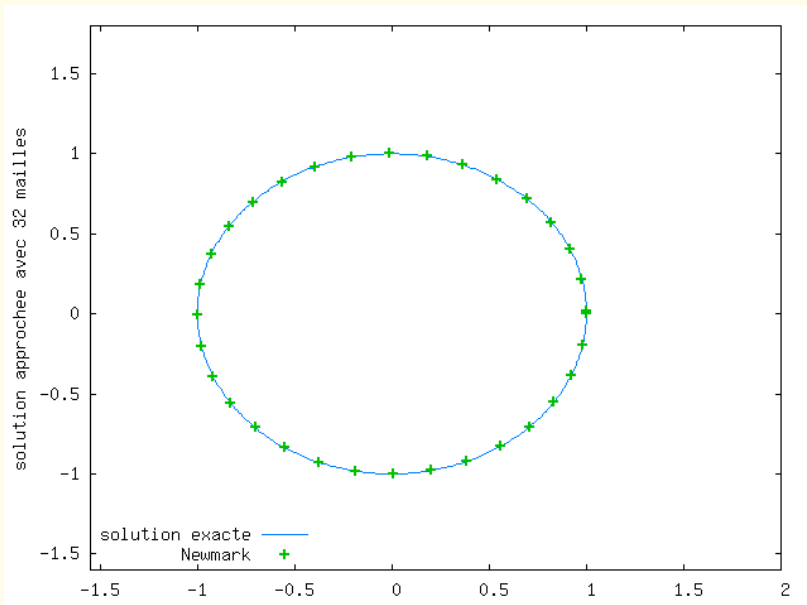




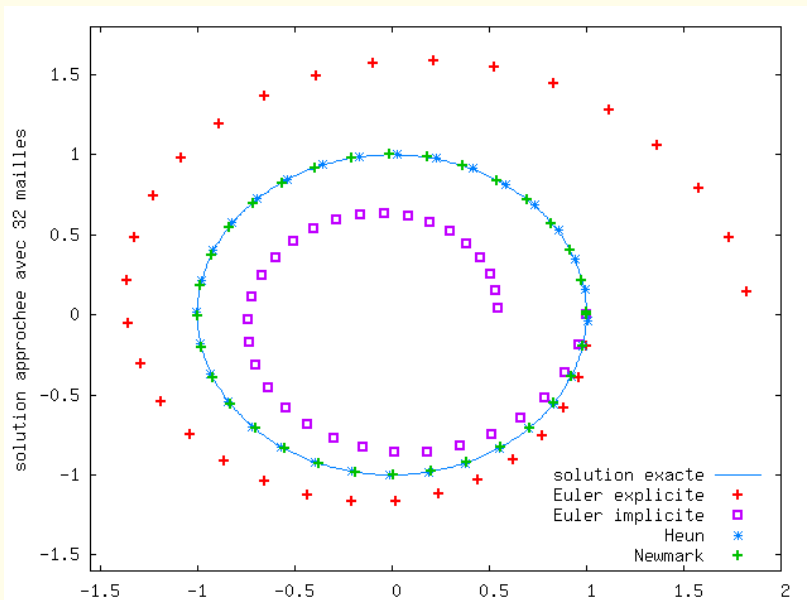
## Cycle limite non amorti, plan de phase (iii)



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



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



# Précision des schémas

