

MINI-CONFERENCE  
*Path Following and Boundary Value Problems:  
A Continuing Influence in Dynamics*  
on the occasion of Eusebius Doedel's 60th birthday  
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Path following for three or more bodies:  
continuing choreographies

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**Abstract**

In this talk we review some work on the continuation of choreographies in the  $N$ -body problem which has been done in recent years in collaboration with Eusebius Doedel, Jorge Galan, Emilio Freire and Francisco Javier Munoz Almaraz. We briefly discuss the ideas behind the continuation technique and then show the results of the numerical calculations for the continuation of the eight and supereight choreographies when one or more of the masses are changed.