

Mathematics  
> Dynamical  
Systems

# Global return maps for mixed- mode

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## References & Citations

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# oscillations with one fast and two slow variables

[Christian Kuehn](#)

*(Submitted on 12  
Oct 2010)*

Alternating  
patterns  
of small  
and  
large  
amplitude  
oscillations  
occur in  
a wide  
variety  
of  
physical,  
chemical,  
biological  
and  
engineering  
systems.

These  
mixed-  
mode  
oscillations  
(MMOs)  
are often