

Méthodes topologiques en analyse non linéaire:développements récents -  
Conférence à la mémoire du Professeur Andrzej Granas  
4 - 8 juillet 2022

Topological Methods in Nonlinear Analysis: Recent Advances - Conference  
in memory of Professor Andrzej Granas  
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### **Lagrangian systems on manifolds under one-sided conditions**

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We will consider a Lagrangian system on a differentiable manifold and prove the existence of multiple solutions, in a suitable sense, under assumptions that do not guarantee the smoothness of the associated functional. Techniques of topological critical point theory will be applied.