

Exercise Session 7 IESM Fall 2022-2023

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Course Reminders

Course Reminders: * Exercises 8 and 9 will not have interviews and will have due date $\bf 31$. January. Plus, we only keep the best grades of 8 of 9 reports :)



Exercise 8 Finding transition states

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In this set of exercises, we will learn how to traverse the potential energy landscape in interesting directions toward transition states.

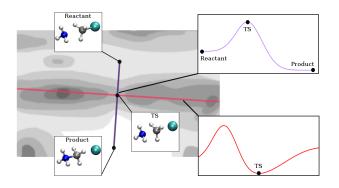


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Minimum Energy Path

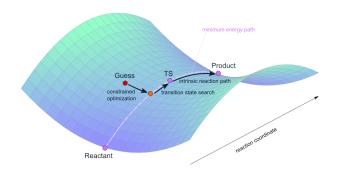
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 We need to find stationary points, for TS we need the Hessian with exactly one negative eigenvalue.



Intrinsic Reaction Path





Reaction

• We look at the synthesis of propylene oxide

