

Advanced Physical Chemistry II

HW

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25 The Kinetic Theory of Gases

2,3,17,26,27,35,37,42

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26 Chemical Kinetics I: Rate Laws

47

28 The Rate of a Bimolecular Gas-Phase Reaction

1,4,6,10

Additional Problems

1. 对于单分子气相反应，活化熵变往往可忽略不计，试计算按室温 (200 K) 附近活化焓分别为 60, 80, 100 kJ · mol⁻¹ 时之反应比速及 $t_{1/2}$ 。

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