

Reaction kinetics

A-Level Chemistry · Vocabulary

English	中文	Pinyin
$\boxed{f}$ rate equation	速率方程	sù lǜ fāng chéng
$\equiv$ order of reaction	反应级数	fǎn yìng jí shù
Σ overall order of reaction	总反应级数	zǒng fǎn yìng jí shù
$\odot$ rate constant	速率常数	sù lǜ cháng shù
$\odot$ half-life	半衰期	bàn shuāi qī
$\propto$ rate-determining step	决速步骤	jué sù bù zhòu
$\rightarrow$ intermediate	中间体	zhōng jiān tǐ
$\triangleright$ initial rate	初始速率	chū shǐ sù lǜ
$\hookrightarrow$ catalyst	催化剂	cuī huà jì
$\rightleftharpoons$ heterogeneous catalyst	多相催化剂	duō xiāng cuī huà jì
$\downarrow$ adsorption	吸附	xī fù
$\uparrow$ desorption	脱附	tuō fù
$\bigcirc$ homogeneous catalyst	均相催化剂	jūn xiāng cuī huà jì