

Pseudo first order reaction

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{youtube}nCvv9x3CJ7s?{/youtube}

In this video explains Pseudo first order reaction:

A reaction which experimentally follows first order but from theoretical rate equation its order is more than one is called pseudo first order reaction Example: $\text{C}_2\text{H}_5\text{I} + \text{H}_2\text{O} \rightarrow \text{C}_2\text{H}_5\text{OH} + \text{HI}$
Rate $= k \cdot \text{C}_2\text{H}_5\text{I}$ Concentration of water is taken unity i.e it does not get altered during the reaction. So, experimental or actual rate is as follows Rate $= k \cdot \text{C}_2\text{H}_5\text{I}$

□□□□ : <http://www.7active.in>

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