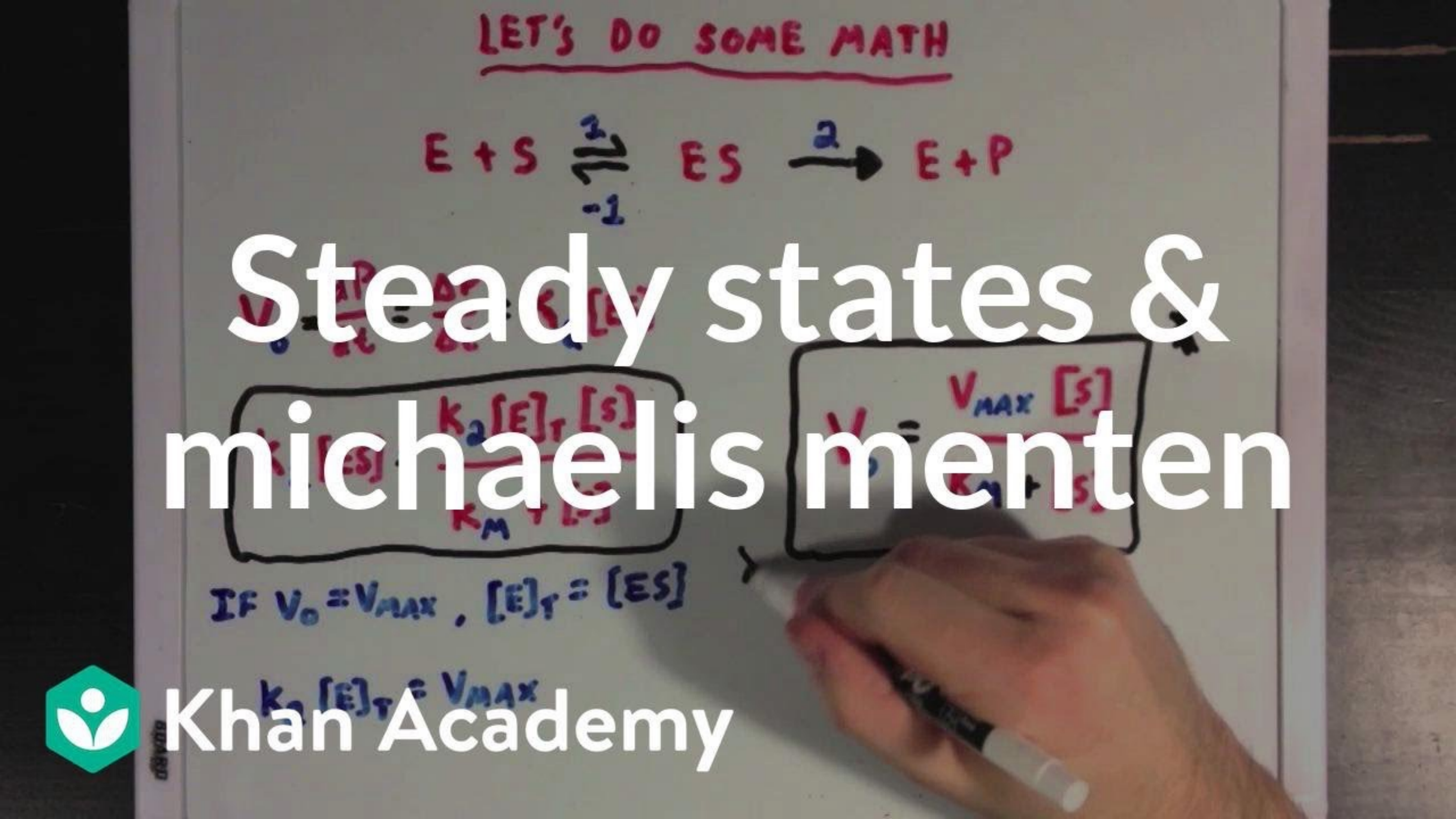

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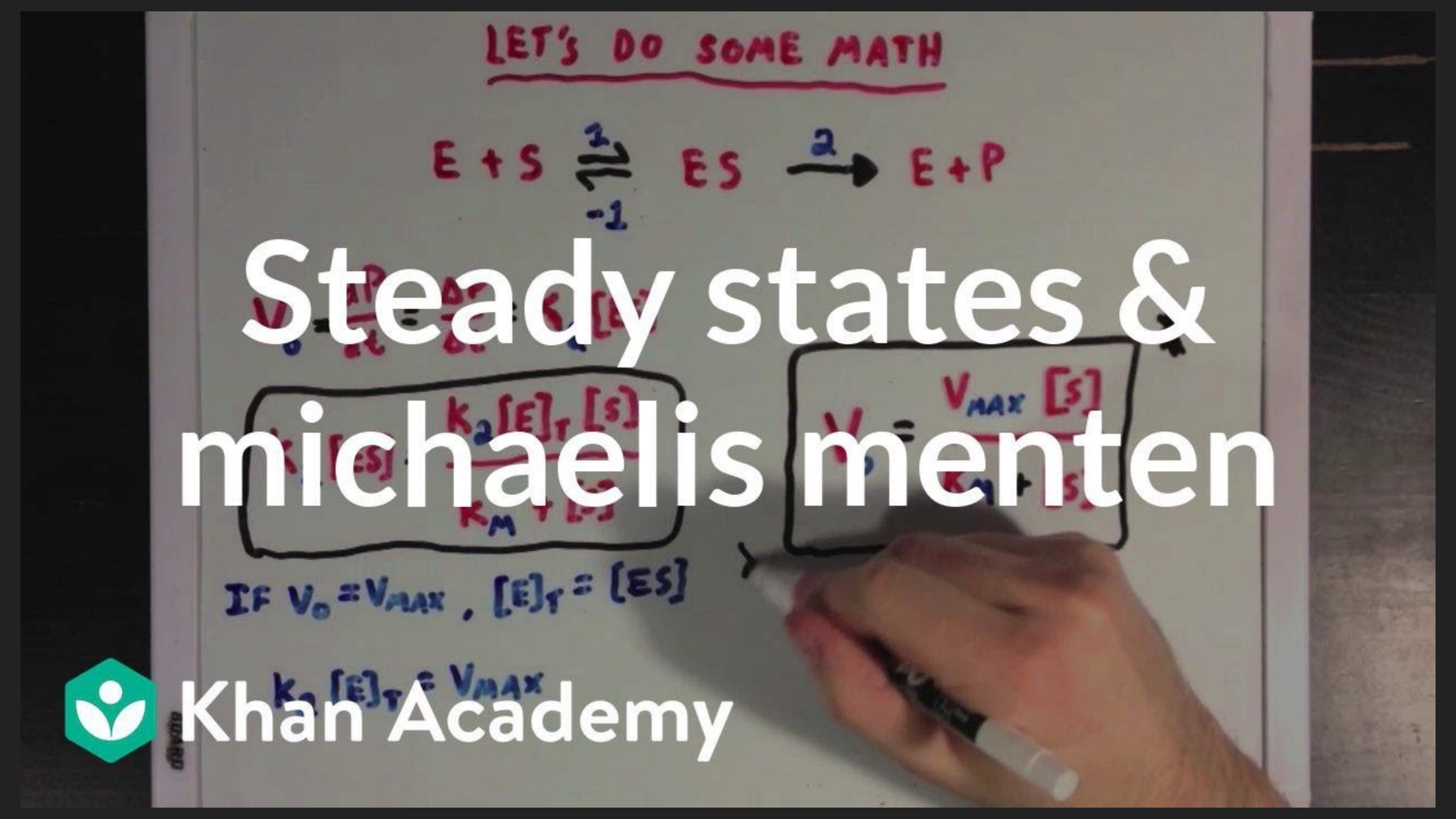

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EQUATIONS

$$Equation\ 1: \frac{1}{V_o} = \frac{K_m}{V_{max} * [S]} + \frac{1}{V_{max}}$$

$$Equation\ 2: E + S \underset{k_{-1}}{\overset{k_1}{\rightleftharpoons}} ES \xrightarrow{k_2} E + P$$

$$Equation\ 3: K_m = \frac{k_{-1} + k_2}{k_1}$$