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- The first law of photochemistry, the Grotthuss-Draper law, states that light must be

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absorbed by a compound in order for a photochemical reaction to take place. • The second law of photochemistry, the Stark-Einstein law, states that for each photon of light absorbed by a chemical system, only one molecule is activated for subsequent reaction. This "photoequivalence law" was derived by ...

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lecture course (first year, Hilary term), the third year options lectures on Astrochemistry

(Fundamentals of Atmospheric and Astrochemistry, Lectures 6-8), and Reaction Dynamics

(Lectures 1-4), and the courses I used to teach on 'Properties of Gases' (first year, immediately

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