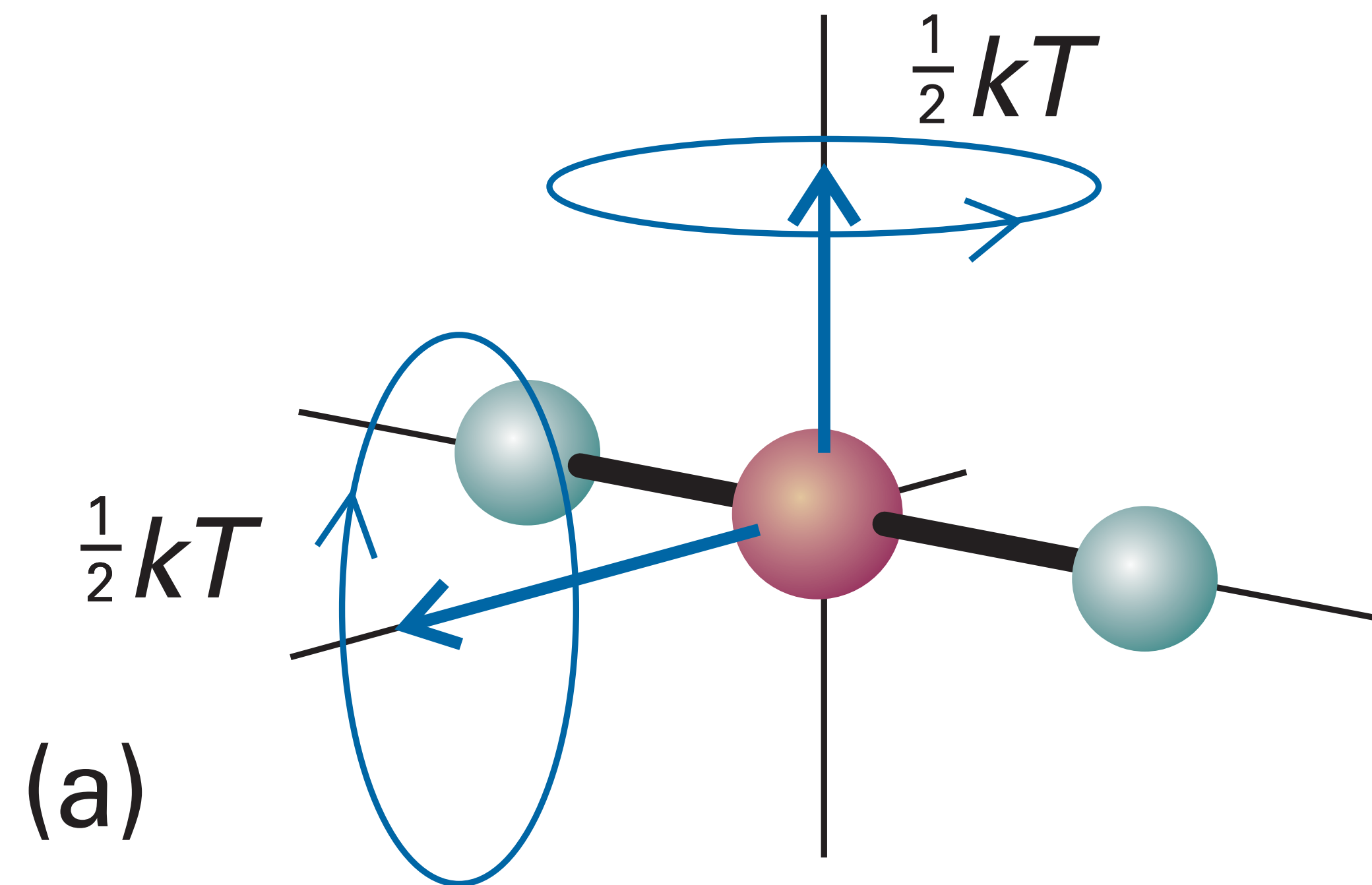


Two rotational degrees of freedom per particle

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# Energy of one mole of diatomic hydrogen $H_2$

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$$C_V^{1\text{mol}} \equiv \frac{\partial U^{1\text{mol}}}{\partial T}$$

