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Question:

Define fluctuation of energy and coefficient of fluctuation of energy.

Answer:

- **a) Fluctuation of energy** -- The difference of maximum and minimum kinetic energy of flywheel is known as Fluctuation of energy
- **b)** Coefficient of fluctuation of energy -- It is defined as the ratio of the maximum fluctuation of energy to the work done per cycle. It is denoted by ke = (E1 E2)/work done per cycle