

GATE AE-62 (2022)

EE:1205 (*Signals Systems*)

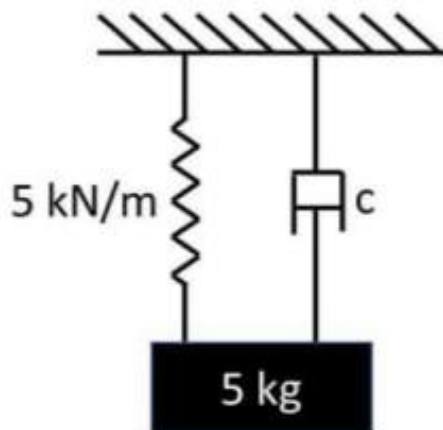
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Question

A damper with damping coefficient, c , is attached to a mass of 5 kg and spring of stiffness 5 kN/m as shown in figure. The system undergoes under-damped oscillations. If the ratio of the 3rd amplitude to the 4th amplitude of oscillations is 1.5, the value of c is ?



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