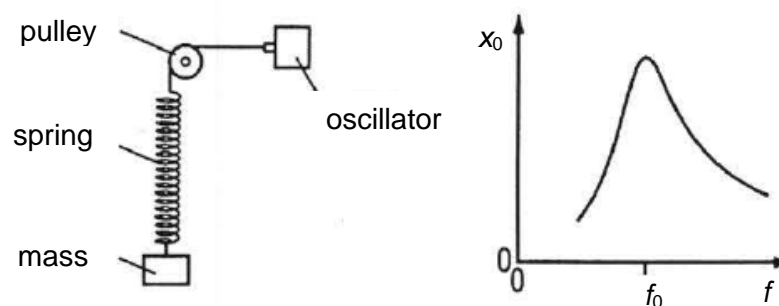


14 A mass, suspended from a helical spring, is made to oscillate.

The graph shows the variation with frequency f of the amplitude x_0 of vibration of the mass.

f_0 is the natural frequency of the spring-mass system.



A sheet of cardboard of negligible mass is now fixed to the mass on the spring to cause light damping of the oscillations.

Which graph shows how x_0 will vary with f over the same frequency range?

