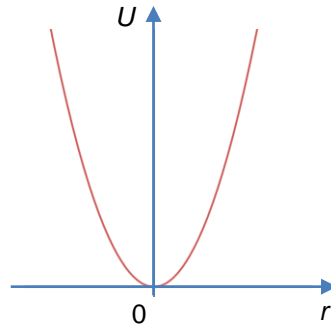


- 16 The potential energy U of a particle in simple harmonic motion is directly proportional to the square of its displacement r from the origin.



Which of the following graphs best represents the variation with displacement r of the net force F acting on the particle?

