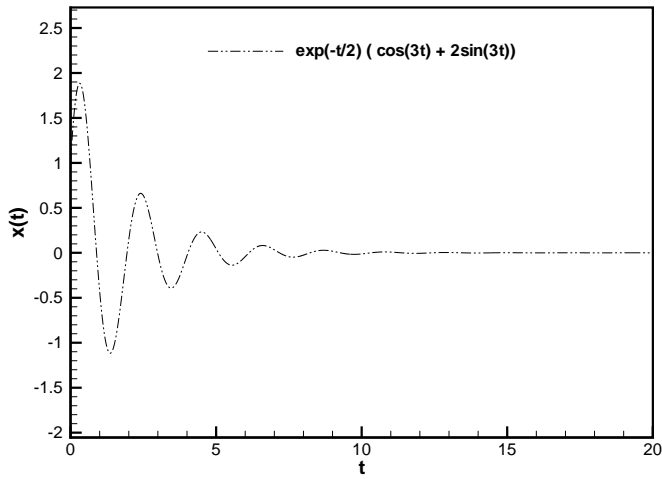


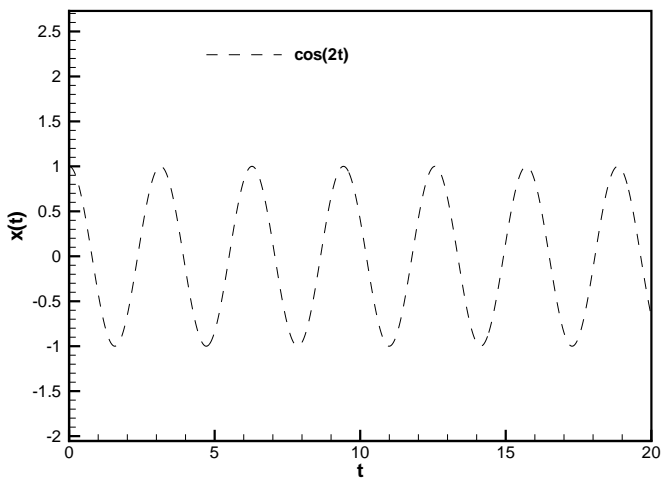
The initially aperiodic motion consisting of the transient and forced motions quickly settles down to the transient component only.

$$x(t) =$$



Transient motion: $x_H(t)$

+



Forced motion: $x_p(t)$