

Name:	
J#:	Team:

Advanced Modeling

Standard: AM	Assigned: 12-06	Due: 12-06	Mark:
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A certain mass-spring system struck by a hammer is modeled by the following IVP:

$$3x'' + 12x = -15\delta(t - \pi/3) \quad x(0) = 0, x'(0) = 0$$

What will the position of the mass be after $\pi/2$ seconds?