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He has published three college textbooks for physics: "Classical Dynamics," "Modern Physics," and "Physics for Scientists and Engineers. He was Director of the Master of Arts in Physics Education program at the University of Virginia, which has graduated more than 150 high school physics teachers.

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This is an inhomogeneous differential equation that has both a homogeneous solution (the solution for the above equation with the right side set to zero) and a particular solution. The most general solution is the sum of both, which in this case is $v_x = C_1 \cos(\omega t) + C_2 \sin(\omega t) + E_y/B$ (12) where C_1 and C_2 are constants of integration.

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