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$$\int_{0}^{\infty} y'' = -y , y(0) = 1, y'(0) = 0$$

$$y = \int_{0}^{\infty} + \int_{0}^{\infty} x + (x^{2} + Dx^{3} + Ex^{4} + Ex^{5} + Ex^{6} + ...)$$

$$y' = \int_{0}^{\infty} + 2Cx + 3Dx^{2} + 4Ex^{3} + 5Ex^{4} + 66x^{5} + ...$$

$$y'' = 2C + 6Dx + 12Ex^{4} + 20Ex^{3} + 30Ex^{4} + ...$$

$$2(=-A + 6D=-B + 12E=-C + 20E--D + 30E=-E + 20E--D + 30E=-E + 20E--D + 30E=-E + 20E--D + 20E--$$

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