

Instructor's Solutions Manual
for

MECHANICS OF MACHINES

W. L. Cleghorn

Mechanics Of Machines Cleghorn Solutions Manual

Xiang Xie



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web we utilize the equation that relate amount remaining initial mass and number of half lives $n = \frac{t}{T_{1/2}}$ $N = N_0 \left(\frac{1}{2}\right)^n$ 125 g 5 what is the half life of an isotope that is 80 remained after 16 days solution remaining 80 100 therefore $n = \frac{t}{T_{1/2}}$ $80 = 100 \left(\frac{1}{2}\right)^n$ now using the half life equation in example 1 we have

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