

## Chapter 3, Solution 1.



Resolve 90 N force into vector components **P** and **Q**

where  $Q = (90 \text{ N}) \sin 40^\circ$

$$= 57.851 \text{ N}$$

Then  $M_B = -r_{AB}Q$

$$= -(0.225 \text{ m})(57.851 \text{ N})$$

$$= -13.0165 \text{ N}\cdot\text{m}$$

$$\mathbf{M}_B = 13.02 \text{ N}\cdot\text{m} \quad \curvearrowleft$$

# Cosmos Complete Solutions Manual Vector Engineering

**RJ Alexander**



## **Cosmos Complete Solutions Manual Vector Engineering:**

Engineering Electromagnetics William Hart Hayt, John A. Buck, 2006 Now in its Seventh Edition Bill Hayt and John Buck's Engineering Electromagnetics is a classic book that has been updated for electromagnetics today This widely respected book stresses fundamentals and problem solving and discusses the material in an understandable readable way Numerous illustrations and analogies are provided to aid the reader in grasping difficult concepts In addition independent learning is facilitated by the presence of many examples and problems Jacket

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The Software Encyclopedia 2000 Bowker Editorial Staff, 2000-05

*Scientific and Technical Aerospace Reports* ,1995

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**International Aerospace Abstracts** ,1968

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Scientific and Technical Books in Print ,1972

Solutions Manual to Accompany Vector Mechanics for Engineers Ferdinand Pierre Beer, Elwood Russell Johnston, 1963

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