Examinations

Tuesday, October 18, 2016  3:21 PM

ENGN 2050-202/204  Statics - E2  Fall 2016

A.1 — Express the force vector \( F \) as a Cartesian vector.
    Determine the direction angles, \( \alpha \), \( \beta \) and \( \gamma \).

A.2 — Express the two vectors shown in the diagram as Cartesian vectors.
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B.1 – Express the force vector \( \mathbf{F}_B \) as a Cartesian vector. Determine the direction angles, \( \alpha \), \( \beta \) and \( \gamma \).

B.2 – Express the two vectors shown in the diagram as Cartesian vectors.
C.1 – Express the force vector FC as a Cartesian vector. Determine the direction angles, α, β and γ.

C.2 – Express the two vectors shown in the diagram as Cartesian vectors.