

Multiple Choice Quiz: Section 2.7: Invariant Forms of Stiffness and Compliance Matrices for Angle Lamina

_____ 1. For a 0° degree angle ply, the transformed reduced stiffness matrix \bar{Q}_{11} written in terms of the invariants is given by

- A U_1
- B $U_1 + U_2 + U_4$
- C $U_1 + U_2 + U_3$
- D $U_1 + U_2$

_____ 2. For a 0° degree angle ply, the transformed compliance matrix \bar{S}_{11} written in terms of the invariants is given by

- A $V_1 + V_2 + V_4$
- B $V_1 + V_2 + V_3$
- C V_1
- D $V_1 + V_2$