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### **About the Book MECHANICS OF COMPOSITE MATERIALS**

Composite is considered to be any multiphase materials that

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exhibits a significant proportion of the properties of both constituent phases such that a better combination of properties is realized. Chapter 16 - 3 Schematic representations of the various geometrical and spatial characteristics of particles of the dispersed phase that may influence the

### **Chapter 16: Composite Materials**

Strength-of-laminated composites will not be covered. General composite material mechanics and strength are developed in more detail in texts such as Jones<sup>1</sup> and Walpin.<sup>2</sup> It is assumed that the reader has a general knowledge of elastic stress-strain behavior. B. Terminology and Notation Some terminology important to composite materials follows:

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