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Nota di contenuto	Foreword -- Preface -- Acknowledgments -- Chapter 1. Introduction -- Chapter 2. Influencing the economics of composite structure assembly -- Chapter 3. The impact of composites on assemblies: the multivariate random variable -- Chapter 4. Integrated structural health monitoring, embedded sensors, and composites--manufacturing -- Chapter 5. Integrated structural health monitoring, embedded sensors, and composites; parts and products -- Chapter 6. Health, safety, and environment -- Chapter 7. Total life cycle cost of composites --

Chapter 8. Enabling the full potential of composites -- Chapter 9. Composite assembly -- Chapter 10. Return on investment -- Chapter 11. Summary; final thoughts -- Appendix: Key terms and definitions -- Index -- About the authors.

Sommario/riassunto

The authors of this book explore the affordability of composites ranging from raw material to end-of life disposal costs. The material characteristics, applications, and complex manufacturing to meet the demand for composites depend on many factors. Industry strives to provide customers with products that provide economic efficiencies. Manufacturing processes and development sustain product innovation and foster economic growth and the integration of automation and focus on productivity and achievement of quality improvements. This book captures this interaction and their influences on the composite marketplace"--Provided by publisher.
