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Nota di contenuto	Preface -- Acknowledgments -- Introduction -- Chapter 1. Advanced high-strength steel technology -- Chapter 2. Impediments and enablers for advanced high-strength steels -- Chapter 3. Example applications of advanced high-strength steels -- Chapter 4. Comparison of advanced high-strength steels with alternative materials -- Chapter 5. Future direction of advanced high-strength steels -- Chapter 6. Conclusions and recommendations -- About the author.
Sommario/riassunto	"In support of the latest automotive challenges in terms of weight reduction, I wrote this book in an attempt to lay out the true opportunities for alternative material utility in automobiles and to offer the most up-to-date design guidance in efficient architectures

supported with the application of AHSS while exploring weight savings and resulting fuel economy advantages of this strategy. Realistic comparisons with other alternative materials are made through detailed analysis. Many projects that I have been part of will be explored to demonstrate how AHSS [advanced high-strength Steels] technology has developed and to get us to the foothills of the mountain that we, as automobile design people, now must climb."--Preface.
