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Nota di contenuto	Materials Research Agenda for the Automotive and Aircraft Industries -- Copyright -- ABSTRACT -- Acknowledgments -- Preface -- Contents -- Executive Summary -- AUTOMOTIVE INDUSTRY -- AIRCRAFT INDUSTRY -- GENERAL RECOMMENDATIONS -- 1 Introduction -- BACKGROUND -- CASE STUDIES FOR THE REPORT -- 2 Automotive and Aircraft Industries -- MANUFACTURING RATES -- Automotive Industry -- Aircraft Industry -- GLOBAL COMPETITION -- Automotive Industry -- Aircraft Industry -- SOCIETAL AND REGULATORY FORCES -- Automotive Industry -- Energy -- Environment -- Disposal -- Aircraft Industry -- Energy -- Environment -- PLANNING AND EXECUTION CYCLES -- Automotive Industry --

Aircraft Industry -- SUMMARY -- 3 Materials Research Agenda for the Automotive Industry -- NEED FOR MATERIALS-SYSTEMS APPROACH -- Materials Life Cycle -- Modeling of Materials Systems -- Materials-Systems Research -- MATERIALS RESEARCH NEEDS FOR AUTOMOTIVE COMPONENT SUBSYSTEMS -- Lightweight Materials for Body Structure -- Body Materials -- Advanced Body-Construction Techniques -- Lightweight Body Materials: Application Issues -- Secondary Weight Reduction -- Material Applications For Powertrains -- Engine Materials -- Transmission Materials -- Material Applications for Chassis, Suspension, and Brake Systems -- Suspension and Chassis Materials -- Brake Materials -- Material Applications for Exhaust and Emission Control Systems -- Exhaust System Materials -- Emission-Control-System Materials -- SUMMARY OF FINDINGS AND RECOMMENDATIONS -- 4 Materials Research Agenda for the Civil Aircraft Industry -- NEED FOR MATERIALS-SYSTEMS APPROACH -- Materials Processing -- Modeling of Materials Systems -- MATERIALS RESEARCH NEEDS FOR AIRCRAFT AIRFRAMES AND ENGINES -- Materials for Airframes -- Materials Candidates -- Joining -- Interface Science -- Materials for Aircraft Engines -- References.  
Appendix A: Workshop Attendees -- Appendix B: Biographical Sketches of Committee Members.

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#### Sommario/riassunto

This volume presents a materials research agenda for the commercial aircraft and automobile industries for the next two decades. Two case studies are used as a basis for discussion: the 50-mile-per-gallon, 5-passenger sedan and the high-speed civil transport. Also identified are those general materials drivers and the materials research required for each field.

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