1. Record Nr. UNISA996404426603316

Titolo	Sudebnaia meditsina
Pubbl/distr/stampa	Moskva : , : Assotsiatsiia sudebno-meditsinskikh kspertov, , Sankt-Peterburg : , : OOO "ko-Vektor"
Descrizione fisica	1 online resource
Soggetti	Medical jurisprudence Autopsy Médecine légale Autopsie Periodical periodicals. Periodicals. Périodiques.
Lingua di pubblicazione	Russo
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr. UNINA9911006896903321

Autore	Schuetz Thomas <1982->
Titolo	Aerodynamics of road vehicles / / Thomas Schuetz
Pubbl/distr/stampa	Warrendale, Pa., : SAE International, 2016
ISBN	9780768082531 (ebook) 9780768079777 (hbk.) 9781523124220 1523124229 9780768088489 0768088488
Edizione	[5th ed.]
Descrizione fisica	1 online resource (xix, 1289 p.) : ill
Disciplina	629.2/31
Soggetti	Motor vehicles - Aerodynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Translated from the German.
Nota di contenuto	Chapter 1: Introduction to automobile aerodynamics -- Chapter 2. The physical principles of aerodynamics -- Chapter 3. Consumption and performance -- Chapter 4. Aerodynamic forces and their influence on passenger vehicles -- Chapter 5. Aerodynamics and driving stability -- Chapter 6. Functionality, safety, and comfort -- Chapter 7. Cooling and internal flow -- Chapter 8. Aeroacoustics -- Chapter 9. High-performance vehicles -- Chapter 10. Commercial vehicles -- Chapter 11. Motorcycle aerodynamics -- Chapter 12. Helmets -- Chapter 13. Wind tunnels and measurement technique -- Chapter 14. Numerical methods.
Sommario/riassunto	The detailed presentation of fundamental aerodynamics principles that influence and improve vehicle design have made Aerodynamics of Road Vehicles the engineer’s “source” for information. This fifth edition features updated and expanded information beyond that which was presented in previous releases. Completely new content covers lateral stability, safety and comfort, wind noise, high performance vehicles, helmets, engine cooling, and computational fluid dynamics. A proven, successful engineering design approach is presented that includes: Fundamentals of fluid mechanics related to vehicle aerodynamics;

Essential experimental results that are the ground rules of fluid mechanics; Design strategies for individual experimental results; General design solutions from combined experimental results. The aerodynamics of passenger cars, commercial vehicles, motorcycles, sports cars, and race cars is dealt with in detail, inclusive of systems, testing techniques, measuring and numerical aerodynamics methods and simulations that significantly contribute to vehicle development. Aerodynamics of Road Vehicles is an excellent reference tool and an indispensable source for the industry’s vehicle engineers, designers, and researchers, as well as for enthusiasts, students, and those working in academia or government regulatory agencies.