

1.	Record Nr.	UNICAMPANIASUN0110135
	Titolo	5: Le figure speciali / a cura di Salvatore Patti e Letizia Vacca
	Pubbl/distr/stampa	[Assago] : CEDAM, 2010
	ISBN	8-88-13-28300-1
	Descrizione fisica	XVIII, 973 p. ; 25 cm.
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910825358503321
	Titolo	Design of racing and high-performance engines 2004-2013 // edited by Douglas R. Fehan
	Pubbl/distr/stampa	Warrendale, Pa. (400 Commonwealth Dr., Warrendale PA USA) : , : Society of Automotive Engineers, , [2013] ©2013
	ISBN	0-7680-7986-1 0-7680-8707-4
	Descrizione fisica	1 online resource (1 electronic text (viii, 137 pages)) : illustrations, digital file ; ; cm
	Collana	Society of Automotive Engineers. Electronic publications SAE International progress in technology series ; ; PT-157
	Disciplina	629.2504
	Soggetti	Automobiles, Racing - Motors - Design and construction Motorcycles, Racing - Motors - Design and construction Internal combustion engines - Design and construction TECHNOLOGY & ENGINEERING / Automotive SPORTS & RECREATION / Motor Sports / Automobile Racing SPORTS & RECREATION / Motor Sports / Motorcycle Racing Automotive technology and trades Car racing Motorcycle racing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	"SAE Order Number PT-157"--T.p. verso.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>Motorsports Industry Knowledge Exchange (MiKE): Oxymoron or Holy Grail (An Imperative for Sustaining Regional, National and Global Competitiveness) (2006-01-3610) / Mike Meechan -- Hardware-in-the-Loop Testing in Racing Applications (2004-01-3502) / Peter Waeltermann, Thomas Michalsky, Johannes Held -- Coolant Flow Optimization in a Racing Cylinder Block and Head Using CFD Analysis and Testing (2004-01-3542) / Jian Ye, Jim Covey, Daniel D. Agnew-- Improvement of a High-Performance CNG-Engine Based on an Innovative Virtual Development Process (2011-24-0140) / Marco Chiodi, Alessandro Ferrari, Oliver Mack, Michael Bargende, Donatus Wichelhaus -- The Application of Energy-Based Fuel Formulae to Increase the Efficiency Relevance and Reduce the CO2 Emissions of Motor Sport (2008-01-2953) / J.W.G. Turner, R.J. Pearson -- High Power Density Motor for Racing Use (2011-39-7221) / Tamotsu Kawamura, Hirofumi Atarashi, Takehiro Miyoshi -- The Development of a Low Viscosity, Highly Efficient Lubricant for Sport Motorcycle Applications (2011-32-0513) / Gianluigi Zoli, Matthew Symonds, May Turner, Ieuan Adams, Nick Solomon, Mark Leonard, Cliff Newman -- An Improvement of a Small Displacement Engine's Efficiency with a Super Charging System (2011-32-0571) / Changjoo Ahn, Takashi Suzuki, Yasuhumi Oguri, Hiroki Toshitani, Tatsuyoshi Nakahuku, Yusuke Nakano -- The Effects of Intake Plenum Volume on the Performance of a Small Normally Aspirated Restricted Engine (2008-01-3007) / L.J. Hamilton, J.E. Lee -- Design and Development of a Turbocharged E85 Engine for Formula SAE Racing (2008-01-1774) / Jason P. Moschetti, Bryan Gilroy Smith, Volker Sick -- Optimizing the Design of the Air Flow Orifice or Restrictor for Race Car Applications (2007-01-3553) / Harry C. Watson, Andrew Gauci, Faez Yousuff, Alberto Boretti -- A Theoretical and Experimental Study of Resonance in a High Performance Engine Intake System: Part I (2006-01-3653) / S. Brennan, R.J. Kee, R.G. Kenny, R. Fleck, J.A. Gaynor, B. Fleck -- Horsepower Retention by ISF (Isotropic Superfinishing) of Automotive Racing Components (2004-01-3511) / William P. Nebiolo.</p>
Sommario/riassunto	<p>This compendium is an update to two best-selling editions published by SAE International in 1995 and 2003. Editor Doug Fehan has assembled a collection of technical papers from the SAE archive that will inspire readers to use race engine development as an important tool in the future of transportation. He focuses on several topics that are important to future race engine design: electrification, materials and processes, and improved technology.</p>