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| 1. Record Nr. | UNINA9910702464503321 |
| Autore | Koch Hugo K |
| Titolo | Utilization of psychotropic drugs in office-based ambulatory care, National Ambulatory Medical Care Survey, 1980 and 1981 [[electronic resource] /] / by Hugo Koch and William H. Campbell |
| Pubbl/distr/stampa | [Hyattsville, Md.] : , : [U.S. Dept. of Health and Human Services, Public Health Service, National Center for Health Statistics], , [1983] |
| Descrizione fisica | 1 online resource (12 pages) : illustrations |
| Collana | NCHS advancedata ; ; no. 90 DHHS publication ; ; no. (PHS) 83-1250 |
| Altri autori (Persone) | CampbellWilliam H <1942-> (William Howard) |
| Soggetti | Drug utilization - United States Ambulatory medical care - United States Medical offices - United States Psychotropic drugs Statistics. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from title screen (viewed Apr. 20, 1984). "June 15, 1983." |

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| 2. Record Nr. | UNINA9910812559903321 |
| Autore | Han Zhiyu <active 2021, > |
| Titolo | Simulation and optimization of internal combustion engines // Zhiyu Han |
| Pubbl/distr/stampa | Warrendale, Pennsylvania : , : SAE International, , 2021 ©2022 |
| ISBN | 1-4686-0402-3 1-4686-0401-5 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (1 PDF (xxi, 347 pages)) : color illustrations |
| Disciplina | 621.43 |
| Soggetti | Internal combustion engines - Simulation methods Internal combustion engines - Design and construction Structural optimization TECHNOLOGY & ENGINEERING / Machinery TECHNOLOGY & ENGINEERING / Mechanical COMPUTERS / Computer Simulation Mechanical engineering Computer modelling and simulation |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Preface -- Abbreviations -- Nomenclature -- Superscript -- Subscript -- 1. Introduction -- 2. Combustion basis of internal combustion engines -- 3. Mathematical description of reactive flow with sprays -- 4. In-cylinder turbulence -- 5. Fuel sprays -- 6. Combustion and pollutant emissions -- 7. Optimization of direct-injection gasoline engines -- 8. Optimization of diesel and alternative fuel engines -- Index -- About the author. |
| Sommario/riassunto | Simulation and Optimization of Internal Combustion Engines provides the fundamentals and up-to-date progress in multidimensional simulation and optimization of internal combustion engines. While it is impossible to include all the models in a single book, this book intends to introduce the pioneer and/or the often-used models and the physics behind them providing readers with ready-to-use knowledge. Key |

issues, useful modeling methodology and techniques, as well as instructive results, are discussed through examples. Readers will understand the fundamentals of these examples and be inspired to explore new ideas and means for better solutions in their studies and work. Topics include combustion basis of IC engines, mathematical descriptions of reactive flow with sprays, engine in-cylinder turbulence, fuel sprays, combustions and pollutant emissions, optimization of direct-injection gasoline engines, and optimization of diesel and alternative fuel engines.
