

1. Record Nr.	UNINA9910678052803321
Autore	Ghojel J. I.
Titolo	Fundamentals of heat engines / / Jamil Ghojel
Pubbl/distr/stampa	Hoboken, New Jersey ; ; West Sussex, England : , : Wiley : , : ASME Press, , [2020] ©2020
ISBN	1-5231-5505-1 1-119-54879-9 1-119-54882-9 1-119-54878-0
Descrizione fisica	1 online resource (535 pages)
Collana	Wiley-ASME press series
Disciplina	621.4025
Soggetti	Heat-engines
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	"Fundamentals of Heat Engines comprehensively covers heat engine cycles with gradual increase in degree of complexity from ideal (theoretical) cycles followed by practical cycles then real cycles. To facilitate the transition from one type of cycle to another, additional material is introduced covering fundamental engineering science principles in mechanics, fluid mechanics, thermodynamics and thermochemistry. The content is designed in such a way that it can be customized by instructors to suit beginner or advanced undergraduate courses and entry level postgraduate studies in automotive, mechanical and aerospace degrees. It is also an excellent reference for engineers working in this area"--