

1. Record Nr.	UNINA9911015876803321
Autore	Lytvynov Oleksii
Titolo	Integrated Computer Technologies in Mechanical Engineering - 2024 : Synergetic Engineering, Volume 1 // edited by Oleksii Lytvynov, Volodymyr Pavlikov, Dmytro Krytskyi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-94845-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (868 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 1473
Altri autori (Persone)	PavlikovVolodymyr KrytskyiDmytro
Disciplina	620
Soggetti	Engineering mathematics Engineering - Data processing Mechanical engineering Mathematical and Computational Engineering Applications Mechanical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book covers areas such as information technology in engine design and production; information technology in the creation of rocket and space systems; aerospace engineering; transport systems and logistics; big data and data science; nanomodeling; artificial intelligence and intelligent systems; networks and communications; cyber-physical systems and IoE; as well as software engineering and IT infrastructure. The materials were tested during the International Scientific and Technical Conference "Integrated Computer Technologies in Mechanical Engineering"—Synergetic Engineering (ICTM) was established by the National Aerospace University "Kharkiv Aviation Institute". The ICTM'2024 conference was held in Kharkiv, Ukraine, in December 2024. During this conference, technical exchange between the scientific community was carried out in the form of keynote speeches, panel discussions and a special session. More than 140 papers from different countries were received at ICTM'2024. The book offers us a lot of valuable information and is very useful for the

exchange of experience between scientists in the field of modeling and simulation. ICTM was created to bring together outstanding researchers and practitioners in the field of information technology in the design and manufacture of engines; the creation of rocket and space systems, aerospace engineering from all over the world to exchange experiences and expertise.

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