

Link B.4.1.3 Fond de carte de specialitate/ ani de studiu/ discipline din planul de învățământ

Cărți Biblioteca USV+FIMAR			
Autori	Titlu	An	Link
1. Volloncs, Ferenc	Cercetări privind efectele reglajelor efectuate între inspecțiile tehnice asupra performanțel	2008	https://biblioteca.usv.ro/
2. Văiteanu, Dan	Atelierul micului automobilist	1979	https://biblioteca.usv.ro/
3. Untaru, Marin	Dinamica autovehiculelor pe roti	1981	https://biblioteca.usv.ro/
4. Universitatea din Pitești	Automobile. vol. 2	1994	https://biblioteca.usv.ro/
5. Universitatea din Pitești	Autovehicule rutiere, construcții de mașini, electronică aplicată, mecanică aplicată	1995	https://biblioteca.usv.ro/
6. Universitatea din Pitești	Buletin Științific. Autovehicule rutiere	1996	https://biblioteca.usv.ro/
7. Universitatea din Pitești	Buletinul științific al Universității din Pitești	1992	https://biblioteca.usv.ro/
8. Universitatea din Pitești	Echipamente și încercări. vol. 4	1994	https://biblioteca.usv.ro/
9. Universitatea din Pitești	Lucrările celei de a IV-a Conferințe de Autovehicule Rutiere : CAR 94 : 10-12 nov. 1994	1994	https://biblioteca.usv.ro/
10. Stoian, Cristian-Ion	Simularea computerizată a procesului răsturnării unui autovehicul folosind programul PC Crash		https://biblioteca.usv.ro/
11. Șoimaru, Mihai	Aprindere, carburanție, distribuție		https://biblioteca.usv.ro/
12. Ungurean, Anamaria	An automotive air conditioning compressor electric motor drive	2012	https://biblioteca.usv.ro/
13. Tiuc, Daniel	Contribuții privind managementul calității proiectului în industria automotive		https://biblioteca.usv.ro/
14. Stratulat, Mihail	Exploatarea rațională a automobilului	1986	https://biblioteca.usv.ro/
15. Dima Dragoș Sorin, Țolea Bogdan	Reconstrucția Accidentelor rutiere	2018	Format fizic
16. Chris Goddard&Per Bo Hanses	Finding order in Chaos	2017	Format fizic
17. Wojciech Wach	Simulation of Vehicle Accidents using Pc-Crash	2011	Format fizic și electronic
18. Lupescu Stefan Constantin, Căpraru George	Sisteme de Monitorizare și Diagnosticare în Ingineria Automobilului: Tranziția către Electromobilitate	2026	Format fizic și electronic
19. Bosch Professional Automotive, Robert Bosch	Bosch Automotive Electric and Automotive Electronics	2007	Format electronic
20. Cerasela Gabriela Băltărețu	Diagnosticarea Întreținerea și Repararea Automobilului	2020	Format electronic
21. Edward Rakosi, Radu Roșca, Gheorghe Manolache	Tehnici și Echipamente pentru Diagnosticarea Autovehiculelor Îndrumar pentru Lucrări Practice de Laborator	2005	Format electronic
22. Radu Gaiginschi, Adrian Sachelarie, Dan Iulian Sava	Accidentologie Rutieră	2021	Format electronic
23. Adrian Tudoruf	Dinamica Accidentelor de Circulație	2008	Format electronic
24. Reza N. Jazar	Vehicle Dynamics: Theory and Applications	2008	Format electronic

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<i>Anul I</i>				
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Chimie	Dominik Gölden, Gerd Ickes, Harro Hagedorn, Steffen Runkel	PVD solutions for automotive thin film applications	2022	https://1110gmvf7-y-https-onlinelibrary-wiley-com.z.e-nformation.ro/doi/10.1002/vipr.202000736
Fizică	Ushemadzoro Chipengo, Peter M. Krenz, Shawn Carpenter	From Antenna Design to High Fidelity, Full Physics Automotive Radar Sensor Corner Case Simulation	2018	https://1110gmvf7-y-https-onlinelibrary-wiley-com.z.e-nformation.ro/action/doSearch?AllField=++physics+in+the+automotive+field
Programarea calculatoarelor și limbaje de programare	Roy Awedikia, Bernard Yannou	A practical model-based statistical approach for generating functional test cases: application in the automotive industry	2012	https://1110gmvf7-y-https-onlinelibrary-wiley-com.z.e-nformation.ro/action/doSearch?AllField=++Programming+in+the+Automotive+Industry
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Rezistența materialelor (1)	Dingyue Yang, Sihan Zhai, Jiahua Gao, Chenfei Yu & Ruihong Wu	Joinery Methods for Multi-material Combinations in Automotive Applications: Tensile and Fatigue Strength	2025	https://11117mvfw-y-https-rd-springer-com.z.e-nformation.ro/chapter/10.1007/978-981-95-0907-2_9
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Electrotehnică și mașini electrice (1)	Elena Helerea, Laurențiu-Alex Mustață, Lia-Elena Aciu & Laura Leluțiu	Evolution of Automotive Electrical Equipment Industry. Electroprecizia Săcele-Brașov Case Study	2024	https://11117mvfw-y-https-rd-springer-com.z.e-nformation.ro/chapter/10.1007/978-3-031-77635-9_22
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	Gabriel	automotive electronics		
Termotehnică	Juan Pablo Martínez Guzmán, Hector Fabio Romero Bocanegra, Andrés Bonilla Galindo, Andrés Felipe Aristizabal Miranda & Gerson Stiven López Solís	Thermo Racing: Multimedia System for Support Learning the First and Second Law of Thermodynamic	2025	https://11117mviw-y-https-rd-springer-com.z.e-nformation.ro/chapter/10.1007/978-3-031-91328-0_23
Bazele ingineriei autovehiculelor	Lars Frömmig	Basic Course in Race Car Technology	2023	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-658-38470-8
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Organe de mașini (1)	Jun Ma , Zaiyan Gong	Automotive Human-Machine Interaction (HMI) Evaluation Method	2024	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-981-99-9951-4
Proiectarea organelor de mașini	Y.A. Alamoudi, G.J. Atkinson, and B.C. Mecrow	High torque density permanent magnet machine for automotive applications	2012	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/cp.2012.0186
Tehnologii de fabricare și asamblare a autovehiculelor	Mike Featherstone, Nigel Thrift, John Urry	<u>Automobilities</u>	2005	https://11102my8d-y-https-sk-sagepub-com.z.e-nformation.ro/Search/Results?q=PwYwDgzgkqdiA2BXAJgUwMIHsYBdW4BUBPMVCAXhwCdFUAYEAQwIQB18BzHACwFEZk5AIwBWAAwSxDhHkIky5AKQiAQooBM6gEaZMAawgb1G9Ee6MBO-Yc3KAIInQCWcJGn45HVVAHVMA5Q09M4IKKgACoxUOBTUtE4uYQDKqBwAtvgxgff6qEQA7n7IFMpqAOxqmgBmijqwyEaKAMwAgkZViPDweAAeOI3qppq9-batRgDUEwCyFohVjCA4iFTOHBMWyBsQLGla8EQTeCDcMJjwmBy1EBPOG4g4mGmYHgBuqI1ldvZ08Ix4EBwADVUFQII5sNI6GlnKgAPIwA5QuhgKiYZCIJYAOUYGRKqiEP1R6MxWVKhJEdiAA
Dinamica autovehiculelor (1)	Robert Tafner, Markus Reichhartinger, and Martin Horn	Observer-based parameter identification for vehicle dynamics assessment	2024	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/PBTR005E_ch7
Proiectare asistată de calculator	Shriram Santhanagopalan	Computer Aided Engineering of Batteries	2023	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-031-17607-

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Actionari hidraulice și pneumatice	Rolf Isermann	Combustion Engine Diagnosis	2017	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-662-49467-7
Motoare cu ardere internă (2)	F. Östman and H.T. Toivonen	Model-based torsional vibration control of internal combustion engines	2008	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/iet-cta%3A20070479
Proiectarea motoarelor cu ardere internă	Ievgen Bilousov , Mykola Bulgakov , Volodymyr Savchuk	Modern Marine Internal Combustion Engines	2020	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-030-49749-1
Dinamica autovehiculelor (2)	Peter Pfeffer	13th International Munich Chassis Symposium 2022	2024	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-662-68160-2
Elemente de proiectarea în dinamica autovehiculelor	Rathinasa Sakthivel krsakthive, Saminathan Mohanapriya, Boomipalagan Kaviarasan Yong Ren, and Selvaraj Marshal Anthoni	Non-fragile control design and state estimation for vehicle dynamics subject to input delay and actuator faults	2018	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/iet-cta.2018.5967
Calculul și construcția autovehiculelor (1)	Zhang Xin, Sun Dagang, Song Yong, and Yan Bijuan	Dynamics characteristic study of the visco-elastic suspension system of construction vehicles	2009	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/cp.2009.1508
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Autovehicule și instalații speciale	D. Ward	Aligning safety and security systems for connected vehicles	2016	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/action/doSearch?AllField=Vehicles+and+special+installations+in+automotive
Transporturi intermodale	Aleksandr Stadkowski	Modern Trends and Research in Intermodal Transportation	2022	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-030-87120-8
Mecatronica autovehiculului	Mario Acevedo, Leonardo Valdivia, Hiram Ponce	Multibody Mechatronic Systems	2025	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-032-10862-3
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Anul IV				
Calculul și construcția autovehiculelor (2)	Martin Rosenberger, Manfred Plöchl, Klaus Six, Johannes Edelman	The Dynamics of Vehicles on Roads and Tracks	2015	https://11115mydb-y-https-www-taylorfrancis-com.z.e-nformation.ro/books/edit/10.1201/b21185/dynamics-vehicles-roads-tracks-johannes-edelmann-manfred-pl%C3%B6chl-klaus-six-martin-rosenberger?context=ubx&refId=b9ec7446-1598-42a1-8191-f48ef0f51c17
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Fabricarea și repararea autovehiculelor	Maksym Spiryagin, Timothy Gordon, Colin Cole, Tim McSweeney	Dynamics of Vehicles on Roads and Tracks Vol 1	2017	https://11115mydb-y-https-www-taylorfrancis-com.z.e-nformation.ro/books/edit/10.1201/9781351057264/dynamics-vehicles-roads-tracks-vol-1-maksym-spiryagin-timothy-gordon-colin-cole-tim-mcsweeney?context=ubx&refId=7f20f530-4280-4522-97f9-fae94613c72f
Caroserii și structuri portante	Maksym Spiryagin, Timothy Gordon, Colin Cole, Tim McSweeney	Dynamics of Vehicles on Roads and Tracks Vol 2	2017	https://11115mydb-y-https-www-taylorfrancis-com.z.e-nformation.ro/books/edit/10.1201/9781351057189/dynamics-vehicles-roads-tracks-vol-2-maksym-spiryagin-timothy-gordon-colin-cole-tim-mcsweeney?context=ubx&refId=afede2f7-264f-422f-86db-150da8121c67

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Încercarea și omologarea autovehiculelor	Eva Lantsoght	Load Testing of Bridges	2019	https://11115mydb-y-https-www-taylorfrancis-com.z.e-nformation.ro/books/edit/10.1201/9780429265969/load-testing-bridges-eva-lantsoght?context=ubx&refId=6be40480-03f4-4d28-96f7-027a1341a83a
Diagnosticarea autovehiculelor	<u>A. Mouzakis,</u> <u>N. Muniyappa, R. Parker,</u> and <u>S. Puthiyapurayi</u> Lupescu Ștefan Constantin, Căpraru George	Advanced Automated Onboard Vehicle Diagnostics Testing Sisteme de Monitorizare și Diagnosticare în Ingineria Automobilului: Tranziția către Electromobilitate	2010 2026	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/ic.2010.0376 Format fizic
Telematică rutieră	Jerzy Mikulski	Research and the Future of Telematics	2020	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-3-030-59270-7
Impactul automobilului asupra mediului înconjurător	Rahul Goyal, Satyanarayan Patel, Abhishek Sharma	Renewable Energy: Accelerating the Energy Transition	2024	https://11117my5t-y-https-rd-springer-com.z.e-nformation.ro/book/10.1007/978-981-99-6116-0
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Fiabilitatea autovehiculelor	Mehdi Rahmani-andebili	Spinning reserve supply with presence of electric vehicles aggregator considering compromise between cost and reliability	2013	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/iet-gtd.2013.0118
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Dinamica accidentelor de circulație	T. Vaa, M. Penttinen, and I. Spyropoulou	Intelligent transport systems and effects on road traffic accidents: state of the art	2007	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/iet-its%3A20060081
Autovehicule electrice și hibride	Iqbal Husain	Electric and Hybrid Vehicles	2021	https://11115mygx-y-https-www-taylorfrancis-com.z.e-nformation.ro/books/mono/10.1201/9780429490927/electric-hybrid-vehicles-iqbal-

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Vehicle autonome	Sachin Bharadwaj Sundra Murthy and Golla Varaprasad	Detection of potholes in autonomous vehicle	2014	https://1110imy6k-y-https-digital--library-theiet-org.z.e-nformation.ro/doi/10.1049/iet-its.2013.0138

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