

List of scientific works of Zaur Chitidze

2013-2023

1. Z. Chitidze, I. Gelashvili, Z. Balamtsurashvili, A. Gelashvili, V. Abaishvili. Self-loading tractor unit. Patent P5694 date of issue 2013.01.14.
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3. Z. Chitidze, T. Mchedlishvili, I. Gelashvili, V. Abaishvili. M. Chitidze, issues of circular saw machine dynamics. Proceedings of Stu N(489), Tbilisi, 2013
4. Z. Chitidze., I. Gelashvili., V. Kandelaki., M. Chitidze., Cleanliness of the processed surface when sawing wood composite materials. Proceedings of GTU No. 2 (483), Tbilisi. 2013.
5. Z. Chitidze., T. Mchedlishvili., I. Gelashvili., V. Abaishvili., M. Chitidze., Construction of a mathematical model of the dynamics of the circular saw drive. Proceedings of GTU No. 3 (489), Tbilisi. 2013.
6. Z. Chitidze, Z. Balamtsurashvili, P. Dundua, v. Abaishvili. i. Gelashvili, timber production and transportation technology. Part I. Help Guide. "Technical University" publishing house. Tbilisi. 2013.
7. Z. Chitidze, Z. Balamtsurashvili, P. Dundua, v. Abaishvili. i. Gelashvili, Woodworking machines and equipment, Part II. "Technical University" publishing house. Tbilisi. 2013
8. Z. Chitidze, I. Gelashvili, Z. Balamtsurashvili, A. Gelashvili, V. Abaishvili. Two-way rope log hauler for timber. Patent P5695 date of issue 2013.01.14.
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11. Z. Balamtsharashvili, Z. Chitidze, D. Mosulishvili, R. Tkemaladze. Search and research of self-loading self-loading aggregates. Monograph publishing house "Technical University". Tbilisi. 2015.
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13. Z. Chitidze, Z. Balamtsharashvili, D. Mosulishvili, Natia Chelidze, Z. Tkeshelashvili, R. Tkemaladze, V. Abaishvili. M. Gogotishvili. Automated logging unit. Patent P6403 Tbilisi, 2015.
14. Z. Chitidze, Z. Balamtsharashvili, T. Mchedlishvili, G. Darakhvelidze, G. Navrozashvili, D. Mosulishvili, D. Mosulishvili, N. Chelidze-Tkeshelashvili, D. There are cracks. Two-way rope traction device, cross-carrying. Locked-contour puller with rope. Patent P636 Tbilisi. 2016.
15. Z. Chitidze, I. Gelashvili, M. Gogotishvili, M. zhgenti. A study of the dynamics of band sawing of wood foam boards. "Transport and machine building" N3(37) Tbilisi, 2016.
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18. Z. Chitidze, Z. Balamtsharashvili, D. Mosulishvili, R. Tkemaladze. Technology and machines for the complex mechanization of forestry work processes. Part III. Help Guide. Publishing House "Technical University" Tbilisi 2016.
19. Z. Chitidze, L. Gigineishvili. Problems of forest monitoring in Georgia and ways to solve them. "Transport and machine building" N3(31) Tbilisi, 2014.
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23. Z. Chitidze, I. Gelashvili, V. Abaishvili. Study of dynamic parameters of sawing process of frozen pine with band saws. Proceedings of Stu Tbilisi 2017.
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28. Z. Chitidze, Z. Balamtsurashvili, V. Abaishvili, I. Gelashvili. "Wood and wood materials processing machine tools, lathe systems and cutting tools" Part II, Guide Publishing House, "Technical University" Tbilisi 2018.
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31. M.Narimanashvili, Z. Chitidze, T. Gogishvili, R. Tkemaladze, Z. Balamwarashvili. "EKOLOGICAL TECHNOLOGY of wood CUTTING PROCESS ON MOUNTAIN LOGGING AREAS AND MODERNIZED SELF- LOADED LOGGING UNIT" International Scientific Journal " PROBLEMS of MECHANICS, Tbilisi 2019.
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34. Z. Chitidze., I. Gelashvili., M. Zhgenti., M. Gogotishvili. Four-channel device for collecting analog information (part 1) Magazine "Transport and Mechanical Engineering" N1-N2 (47-48). Tbilisi 2020.
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37. Z. Chitidze, V. Abaishvili. Primary treatment of wood, synopsis of lectures. "Technical University of Georgia" Tbilisi 2020
38. Z. Chitidze, T. Kandelaki, L. Gigineishvili, I. Gelashvili, C. The mechanism of forest resource valuation and forest cadastre determination. Magazine "Transport and Machine Building" N3(19) Tbilisi, 2020.
39. Z. Chitidze, T. Kandelaki, Z. Balamtsurashvili, I. Gelashvili, I. Drezheshvili Determining the effectiveness of timber production and economically available resources. Magazine "Transport and Machine Building" N3(19) Tbilisi, 2020.
40. Z. Chitidze, I. Gelashvili, M. Sarishvili, M. Zhgenti, N. Bzhalava, M. Gogotishvili. "Research of cutting process of new composite materials with high strength" Part I Journal "Transport and Mechanical Engineering" N2(51) Tbilisi 2021.

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43. Z. Chitidze, Z. Balamtshrashvili, L. Gigineishvili, R. Tkemaladze. d. Mosulishvili. "Forestry machines and logging units" part I. Auxiliary manual Publishing house "Technical University of Georgia" Tbilisi 2021.
44. Z. Chitidze, Z. Balamtshrashvili, R. Tkemaladze. d. Mosulishvili, M. Akhvlediani. "Environmentally safe technology of forestry work processes and cross-transportable rope haulage machines Part II. Auxiliary manual Publishing house "Technical University of Georgia" Tbilisi 2021.
45. Z. Chitidze, Z. Balamtshrashvili, M. Akhvlediani, I. Gelashvili, M. Gogotishvili, "Body-arrow mechanism of self-loading self-propelled unit with hydromechanical drive" patent P20217283B invention 2021.02.08.
46. Z. Chitidze, I. Gelashvili, T. Monyava, M. Zhgenti, E. Sarishvili, P. Kapanadze "Study of power parameters of light wood-polymer composites sawing process with band saws (Part I). Magazine "Transport and Machine Building" N1(53) Tbilisi, 2022.
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