

**Lucrări publicate:**

1. **Duma, Irina**, Burnete, N., Todoruț, A., *A review of road traffic accidents reconstruction methods and their limitations with respect to the national legal frameworks*, în: IOP Conference Series: Material Science and Engineering, Vol. 1220, The XXXI-st SIAR International Congress of Automotive and Transport Engineering „Autonomous and Integrated Transport Systems” (AITS2021), 28th-30th October 2021, <https://doi.org/10.1088/1757-899X/1220/1/012055>;
2. **Duma, Irina**, Burnete, N., Todoruț, A., Trușcă, D., *Determination of pre-collision travel speed in the event of a frontal collision between a vehicle and a fixed obstacle, using video recordings*, în: XXIX International Scientific Conference on Transport, Road-Building, Agricultural, Hoisting & Hauling and Military Techniques and Technologies 'trans&MOTAUTO2021', print ISSN: 1313-5031, online ISSN: 2535-0307, Year IV, Issue 1 (8), Sofia, Bulgaria, 2021, <http://www.trans-motauto.com/sbornik/2021.pdf> și în: International Scientific Journal trans&MOTAUTO World, Vol. 6 (2021), Issue 2, pag. 62-64, <https://stumejournals.com/journals/tm/2021/2/62>, Ed. Scientific Technical Union of Mechanical Engineering "Industry 4.0" (susținută la conferința 'trans&MOTAUTO2021', Varna, Bulgaria, 21-24.06.2021);
3. Todoruț, A., Cordoș, N., Barabas, I., **Duma, Irina**, *Possibilities for assessing the pre-collision and post-collision vehicle speeds, in the event of side collisions, by the quantity of motion conservation law*, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, Vol. 64, Issue 1, March, 2021, ISSN 2393-2988, pg. 47-54, <https://atna-mam.utcluj.ro/index.php/Acta/article/view/1552/1271>, Web of Science: 000694719400005.

Cluj-Napoca,
01.03.2022

Asist. drd. ing. Irina DUMA