

## **Lucrări științifice publicate**

1. Andromeda Sonea - "HX groups associated with the dihedral group D<sub>n</sub>", Journal of Multiple Valued Logic & Soft Computing, 33. 1-2, 11-26, 2019, WOS: 000484047100002.
2. Andromeda Sonea - "New aspects in polygroup theory", Analele Științifice ale Universității Ovidius Constanța , Vol. 28(3), 241-254, 2020, <https://doi.org/10.2478/auom-2020-0044>.
3. Andromeda Sonea, Irina Cristea - "The class equation and the commutativity degree in complete hypergroup theory", Mathematics, 8, 2253, 2020, <https://doi.org/10.3390/math8122253>.
4. Andromeda Sonea, Bijan Davvaz- „The Euler's totient function in canonical hypergroup theory”, Indian Journal of Pure and Applied Mathematics, DOI: [10.1007/s13226-021-00159-9](https://doi.org/10.1007/s13226-021-00159-9).
5. Violeta Leoreanu Fotea, Piergiulio Corsini, Andromeda Sonea, Darius Heidari - "Complete parts and subhypergroups in reversible regular hypergroups", Analele Științifice ale Universității Ovidius Constanța, Vol 30(1) 219-230, DOI: 10.2478/auom-2022-0012.

## **Capitole în cărți**

1. Sonea Andromeda, Saba AL-Kaseasbeh, „An introduction to NeutroHX-Groups”, Theory and Applications of NeutroAlgebras as Generalizations of Classical Algebras, IGI GLOBAL Publisher of Timely of Knowledge. <https://www.igi-global.com/chapter/an-introduction-to-neutrohx-groups/302859>.

## **Semnătură**

