

Lista de lucrări – Simion Breaz

(A) Lucrări relevante, cf. art 12, alin (1), lit. (h).

1. **Simion Breaz** : Modules M such that $\text{Ext}^1(M, -)$ commutes with direct limits, *Algebras and Representation Theory*, 10.1007/s10468-012-9382-y
2. **U. Albrecht, S. Breaz, P. Schultz**: Functorial properties of Hom and Ext , in *Groups and Model Theory*, L. Strungmann (ed.) et al., Contemporary Mathematics, vol . 576 (2012), 1—15.
3. **Breaz, Simion**: Direct products and the hom-contravariant functor, *Bull. London Math. Soc.* 44 (2012), 136-138
4. **Ulrich Albrecht, Simion Breaz, Phill Schultz**, The Ext functor and self-sums, *Forum Math.*, DOI: 10.1515/forum-2011-0141
5. **Breaz, Simion, Schultz, Phill** : Dualities for self-small groups, *Proc. Amer. Math. Soc.* 140 (2012), no. 1, 69--82. MR2833518
6. **Breaz, Simion** : Warfield dualities induced by self-small mixed groups. *J. Group Theory* 13 (2010), no. 3, 391--409. MR2653527 (2011f:20125)
7. **Breaz, Simion, Trlifaj, Jan** : Modules determined by their annihilator classes. *J. Lond. Math. Soc. (2)* 81 (2010), no. 1, 225--240. MR2580462 (2011f:16013)
8. **Albrecht, Ulrich, Breaz, Simion** : A note on mixed A-reflexive groups. *J. Algebra* 323 (2010), no. 2, 509--516. MR2564852 (2010k:20095)
9. **Albrecht, Ulrich, Breaz, Simion, Wickless, William** : Self-small abelian groups. *Bull. Aust. Math. Soc.* 80 (2009), no. 2, 205--216. MR2540354 (2010m:20083)
10. **Albrecht, Ulrich, Breaz, Simion, Vinsonhaler, Charles, Wickless, William** : Cancellation properties for quotient divisible groups. *J. Algebra* 317 (2007), no. 1, 424--434. MR2360157 (2008j:20170)

(B) Teza de doctorat

1. *Module peste inele de endomorfisme*, Universitatea Babeş-Bolyai, Cluj-Napoca, 2002.

(C) Cărți, tratate, monografii

1. **Simion Breaz, Grigore Călugăreanu, Ciprian Modoi, Cosmin Pelea, Valcan Dumitru**, *Exercises in Abelian Group Theory*, Kulwer Academic Publishers, 2003, P. 395

2. **Simion Breaz, Grigore Călugăreanu**, *Fundamentele teoriei grupurilor abeliene*, EDITURA ACADEMIEI ROMANE , BUCURESTI, 2005, P. 349
3. **Simion Breaz**, *Module peste inele de endomorfisme*, Editura Fundatiei pentru Studii Europene , Cluj-Napoca , 2006, P. 129
4. **Covaci Rodica, Breaz Simion**: *Elemente de logica, teoria multimilor si aritmetica*, Editura Fundatiei pentru Studii Europene , Cluj-Napoca , 2006, P. 284
5. **Simion Breaz, Tiberiu Coconet, Carolina Contiu**, *Lectii de Algebra*, Editura Eikon, Cluj-Napoca, 2010.

(D1) Articole publicate în reviste MathSciNet și Web of Science

1. **Simion Breaz** : Modules M such that $\text{Ext}^1(M, -)$ commutes with direct limits, *Algebras and Representation Theory*, 10.1007/s10468-012-9382-y
2. **Simion Breaz, Phill Schultz**: When Ext Commutes With Direct Sums, *J. Algebra Appl.*, 11, 1250153 (2012) [4 pages]
3. **Breaz, Simion**: Direct products and the hom-contravariant functor, *Bull. London Math. Soc.* 44 (2012), 136-138
4. **Ulrich Albrecht, Simion Breaz, Phill Schultz**, The Ext functor and self-sums, *Forum Math.*, DOI: 10.1515/forum-2011-0141
5. **Breaz, Simion, Schultz, Phill** : Dualities for self-small groups, *Proc. Amer. Math. Soc.* 140 (2012), no. 1, 69--82. MR2833518
6. **Albrecht, Ulrich, Breaz, Simion, Wickless, William** : S^* -groups. *J. Algebra Appl.* 10 (2011), no. 2, 357--363. MR2795743 (2012d:20116)
7. **Breaz, Simion** : Warfield dualities induced by self-small mixed groups. *J. Group Theory* 13 (2010), no. 3, 391--409. MR2653527 (2011f:20125)
8. **Breaz, Simion, Trlifaj, Jan** : Modules determined by their annihilator classes. *J. Lond. Math. Soc. (2)* 81 (2010), no. 1, 225--240. MR2580462 (2011f:16013)
9. **Albrecht, Ulrich, Breaz, Simion** : A note on mixed A-reflexive groups. *J. Algebra* 323 (2010), no. 2, 509--516. MR2564852 (2010k:20095)
10. **Breaz, Simion** : Commutativity criterions using normal subgroup lattices. *Rend. Semin. Mat. Univ. Padova* 122 (2009), 161--169. MR2582835 (2011b:20081)
11. **Albrecht, Ulrich, Breaz, Simion** : Quasi-isomorphisms and groups of quasi-homomorphisms. *J. Algebra Appl.* 8 (2009), no. 5, 617--627. MR2581988 (2011a:20136)
12. **Breaz, Simion** : Finitistic n -self-cotilting modules. *Comm. Algebra* 37 (2009), no. 9, 3152--3170. MR2554194 (2011c:16019)

13. **Albrecht, Ulrich, Breaz, Simion, Wickless, William** : Self-small abelian groups. *Bull. Aust. Math. Soc.* 80 (2009), no. 2, 205--216. MR2540354 (2010m:20083)
14. **Breaz, S., Pelea, C., Purdea, I.** : Products of hypergroupoids associated to binary relations. *Carpathian J. Math.* 25 (2009), no. 1, 23--36. MR2523036 (2010h:20164)
15. **Albrecht, Ulrich, Breaz, Simion, Wickless, William** : A-solvability and mixed abelian groups. *Comm. Algebra* 37 (2009), no. 2, 439--452. MR2493712 (2010i:20070)
16. **Albrecht, Ulrich, Breaz, Simion, Wickless, William** : Finitely A-cogenerated abelian groups. *Houston J. Math.* 34 (2008), no. 2, 409--421. MR2417401 (2009e:20123)
17. **Breaz, Simion, Călugăreanu, Grigore** : Every abelian group is determined by a subgroup lattice. *Studia Sci. Math. Hungar.* 45 (2008), no. 1, 135--137. MR2401171 (2009b:20102)
18. **Albrecht, Ulrich, Breaz, Simion, Wickless, William** : Purity and self-small groups. *Comm. Algebra* 35 (2007), no. 11, 3789--3807. MR2362684 (2008j:20171)
19. **Albrecht, Ulrich, Breaz, Simion, Vinsonhaler, Charles, Wickless, William** : Cancellation properties for quotient divisible groups. *J. Algebra* 317 (2007), no. 1, 424--434. MR2360157 (2008j:20170)
20. **Breaz, Simion, Žemlička, Jan** : When every self-small module is finitely generated. *J. Algebra* 315 (2007), no. 2, 885--893. MR2351899 (2008g:16002)
21. **Breaz, Simion, Călugăreanu, Grigore** : Self-c-injective abelian groups. *Rend. Sem. Mat. Univ. Padova* 116 (2006), 193--203. MR2287346 (2007i:20082)
22. **Albrecht, Ulrich, Breaz, Simion, Wickless, William** : The finite quasi-Baer property. *J. Algebra* 293 (2005), no. 1, 1--16. MR2173963 (2006g:20097)
23. **Breaz, Simion, Călugăreanu, Grigore** : Abelian groups whose subgroup lattice is the union of two intervals. *J. Aust. Math. Soc.* 78 (2005), no. 1, 27--36. MR2129487 (2005m:20131)
24. **Breaz, Simion** : A Morita type theorem for a sort of quotient categories. *Czechoslovak Math. J.* 55(130) (2005), no. 1, 133--144. MR2121661 (2005m:16008)
25. **Breaz, Simion** : Quasi-decompositions for self-small abelian groups. *Comm. Algebra* 32 (2004), no. 4, 1373--1384. MR2100362 (2005k:20131)
26. **Breaz, Simion** : The quasi-Baer-splitting property for mixed abelian groups. *J. Pure Appl. Algebra* 191 (2004), no. 1-2, 75--87. MR2048307 (2005c:20096)
27. **Breaz, Simion** : Self-small abelian groups as modules over their endomorphism rings. *Comm. Algebra* 31 (2003), no. 10, 4911--4924. MR1998035 (2004f:20095)
28. **Breaz, Simion** : Almost-flat modules. *Czechoslovak Math. J.* 53(128) (2003), no. 2, 479--489. MR1983467 (2004d:16007)

29. Breaz, Simion : On a class of mixed groups with semi-local WALK-endomorphism ring. *Comm. Algebra* 30 (2002), no. 9, 4473--4485. MR1936485 (2003m:20073)

(D2) Articole publicate în reviste MathSciNet

30. Breaz, Simion, Călugăreanu, Grigore, Schultz, Phill : Modules with Dedekind finite endomorphism rings. *Mathematica* 53(76) (2011), no. 1, 15--28. MR2840625

31. Breaz, Simion, Pop, Flaviu : Dualities induced by right adjoint contravariant functors. *Stud. Univ. Babeş-Bolyai Math.* 55 (2010), no. 1, 75--83. MR2645961 (2011e:18006)

32. Breaz, Simion, Modoi, George Ciprian : A reformulation of Brown representability theorem. *Mathematica* 51(74) (2009), no. 2, 129--133. MR2682252 (2011d:18017)

33. Breaz, Simion : The number of Remak decompositions of a finite abelian group. *Mathematica* 50(73) (2008), no. 2, 159--168. MR2543442 (2010h:20123)

34. Breaz, Simion, Pelea, Cosmin : Professor Grigore Călugăreanu at his 60th anniversary. *Stud. Univ. Babeş-Bolyai Math.* 52 (2007), no. 2, 3--8. MR2365158

35. Albrecht, U., Breaz, S., Wickless, W. : Generalized endoprimal abelian groups. *J. Algebra Appl.* 5 (2006), no. 1, 1--17. MR2211407 (2007b:20114)

36. Khazal, R. R., Breaz, S., Călugăreanu, G. On torsion-free periodic rings. *Int. J. Math. Math. Sci.* 2005, no. 14, 2321--2327. MR2177825 (2006h:16051)

37. Breaz, Simion, Modoi, Ciprian : On a quotient category. *Studia Univ. Babeş-Bolyai Math.* 47 (2002), no. 2, 17--29. MR1989587 (2004e:18017)

38. Breaz, Simion, Călugăreanu, Grigore : Abelian groups have/are near Frattini subgroups. *Comment. Math. Univ. Carolin.* 43 (2002), no. 3, 395--405. MR1920516 (2003d:20075)

39. Pelea, Cosmin, Breaz, Simion : Multialgebras and term functions over the algebra of their nonvoid subsets. *Mathematica* 43(66) (2001), no. 2, 143--149 (2003). MR2002645 (2004g:08002)

40. Breaz, Simion, Modoi, Ciprian : Abelian groups such that the class of adstatic modules is closed under submodules. *Mathematica* 43(66) (2001), no. 2, 137--141 (2003). MR2002644

41. Breaz, Simion : Self-small torsion free abelian groups. *Mathematica* 42(65) (2000), no. 1, 3--7 (2001). MR2002450

42. Breaz, Simion, Modoi, Ciprian : Colimits in the category of A-solvable modules. *Mathematica* 42(65) (2000), no. 2, 121--128 (2001). MR1988617 (2004c:16009)

(E) Articole apărute în volume ale unor conferințe de specialitate:

43. U. Albrecht, S. Breaz, P. Schultz: Functorial properties of Hom and Ext, in *Groups and Model Theory*, L. Strungmann (ed.) et al., Contemporary Mathematics, vol . 576 (2012), 1—15.

44. Breaz, Simion, Modoi, George Ciprian, Pop, Flaviu : Natural equivalences and dualities. *Proceedings of the International Conference on Modules and Representation Theory*, 25--40, Presa Univ. Clujeană, Cluj-Napoca, 2009. MR2603201 (2011c:16018)

45. Breaz, Simion : Self-small abelian groups of finite torsion free rank. *Proceedings of the Algebra Symposium*, 17--30, Editura EFES, Cluj-Napoca, 2006. MR2338591 (2009c:20100)