List of Publications for Constantin NĂSTĂSESCU

A: MONOGRAPHS

1. *Teorie della torsione*, Quaderni dei Gruppi di Ricerca Matematica del Consiglio Nazionale delle Ricerche, Istituto Matematico dell' Università di Ferrara, 1974, 194 pp.

2. *Graded and Filtered Rings and Modules*, Lecture Notes in Mathematics **758**, Springer–Verlag, Berlin, 1979, x+148 pp. ISBN: 3-540-09708-2 (with F. Van Oystaeyen).

3. *Graded Ring Theory*, North Holland Mathematical Library **28**, North-Holland Publishing Company, Amsterdam, 1982, ix+340 pp. ISBN: 0-444-86489-X (with F. Van Oystaeyen).

4. *Relative Finiteness in Module Theory*, Monographs and Textbooks in Pure and Applied Mathematics **84**, Marcel Dekker, Inc., New York, 1984, xii+190 pp. ISBN: 0-8247-7143-5 (with T. Albu).

5. *Dimensions of Ring Theory*, Reidel Publishing Company, Dordrecht-Boston-Lancaster-Tokyo, 1987, xii+360 pp. ISBN: 90-277-2461-X (with F. Van Oystaeyen).

6. *Hopf Algebras. An Introduction*, Monographs and Textbooks in Pure and Applied Mathematics **235**, Marcel Dekker, Inc., New York-Basel, 2001, x+401 pp. ISBN: 0-8247-0481-9 (with S. Dăscălescu and Ş. Raianu).

7. *Methods of Graded Rings*, Lecture Notes in Mathematics **1836**, Springer–Verlag, Berlin-Heidelberg-New York, 2004, xiv+304 pp. ISBN: 3-540-20746-5 (with F. Van Oystaeyen).

B: MONOGRAPHS AND TEXTBOOKS (in Romanian)

1. *Logica şi teoria mulţimilor. Manual pentru clasa a IX-a (Clase speciale de matematică)*, Editura Didactică şi Pedagogică, Bucureşti, 1972 (with M. Becheanu, V. Căzănescu and S. Rudeanu).

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3. *Inele. Module. Categorii*, Editura Academiei R.S.R., Bucureşti, 1976, 304 pages.

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5. *Teoria calitativă a ecuaţiilor algebrice*, Editura Tehnică, Bucureşti, 1979, 200 pages (with C. Niţă).

6. *Algebră. Manual pentru clasa a X-a*, Editura Didactică şi Pedagogică, Bucureşti, 1979 (with C. Niţă and S. Popa).

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8. *Exerciţii şi probleme de algebră pentru clasele IX–XII*, Editura Didactică şi Pedagogică, Bucureşti, 1981, 1991, 215 pages (with C. Niţă, M. Brandiburu and D. Joiţa).

9. *Capitole speciale de algebră*, Tipografia Universităţii din Bucureşti, Bucureşti, 1982 (with S. Dăncescu).

10. *Teoria dimensiunii în algebra necomutativă*, Editura Academiei R.S.R., Bucureşti, 1983.

11. *Complemente de algebră*, Editura Ştiinţifică şi Enciclopedică, Bucureşti, 1984, 128 pages (with I. D. Ion and C. Niţă).

12. *Bazele algebrei. Vol. I*, Editura Academiei R.S.R., Bucureşti, 1986, 351 pages (with C. Niţă and C. Vraciu).

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14. *Culegere de probleme de structuri algebrice pentru liceu*, Editura Academiei R.S.R., Bucureşti, 1988, 208 pages (with M. Ţena, Gh. Andrei, I. Otărăanu).

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16. *Algebre Hopf*, Editura Universităţii din Bucureşti, Bucureşti, 1998, 146 pages (with S. Dăscălescu and Ş. Raianu).

17. *Probleme de algebră. Rezolvarea problemelor din manualul de clasa a IX-a*, Editura Rotech Pro, Bucureşti, 1998, 224 pages (with C. Niţă).

18. *Probleme de algebră. Rezolvarea problemelor din manualul de clasa a X-a*, Editura Rotech Pro, Bucureşti, 1998, 208 pages (with C. Niţă).

19. *Probleme de algebră. Rezolvarea problemelor din manualul de clasa a XI-a*, Editura Rotech Pro, Bucureşti, 1998, 128 pages (with C. Niţă).

20. *Matematică. Manual pentru clasa a IX-a M1 şi M2*, Editura Didactică şi Pedagogică, Bucureşti, 1999 (with C. Niţă, Gh. Andrei, M. Răduţiu, Fl. Vornicescu and N. Vornicescu).

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25. *Matematică. Manual pentru clasa a IX-a (Trunchi comun şi curriculum diferenţiat)*, Editura Didactică şi Pedagogică, Bucureşti, 2004 (with C. Niţă, I. Chiţescu and D. Mihalca).

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C: SCIENTIFIC PAPERS

1. *Objets noetheriens par rapport á une sous-catégorie épaisse d'une catégorie abélienne*, Rev. Roumaine Math. Pures Appl. **10** (1965), No. 9, 1459–1468 (with C. Niţă).

2. *Le groupe de Grothendieck*, Rev. Roumaine Math. Pures Appl. **11** (1966), 457–469 (with C. Niţă).

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15. *Quelques remarques sur une classe d'anneaux*, C. R. Acad. Sci. Paris **270** (1970), 807–809.

16. *Quelques remarques sur la dimension homologique des anneaux. Éléments réguliers*, J. Algebra **19** (1971), No. 4, 470–485.

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28. *Modules sur les anneaux de Krull*, Algebra – Berichte, Bericht Nr. **25**, 1974, Seminar F. Kasch – B. Pareigis, Mathematisches Institut der Universität München, Verlag Uni–Druck, 15 pages (with T. Albu).

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39. *Modules Σ-injectifs*, Proceedings of the Conference in Antwerp, Belgium, Vol. **51**, Marcel Dekker, 1979, pp. 729–740.

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43. *Théorème d'Hopkins pour les catégories de Grothendieck*, in Proceedings of the Conference "Ring Theory", Antwerp, Belgium, L.N.M. **825**, Springer–Verlag, Berlin–Heidelberg–New York, 1980, pp. 88–93.

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53. *Note on graded rings with finiteness conditions*, Comm. Algebra **12** (1984), No. 13–14, 1647–1651 (with F. Van Oystaeyen).

54. *Stability conditions for the commutative rings with Krull dimension*, in "Methods in Ring Theory", Proceedings of the Conference in Antwerp 1983, edited by F. Van Oystaeyen, D. Reidel Publ. Co., Dordrecht, 1984, pp. 391–402 (with Ş. Raianu).

55. *A remark on noetherian injective objects in commutative Grothendieck categories*, Bull. Math. Soc. Sci. Math. Roumanie **28** (1984), No. 1.

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65. *Finiteness conditions for graded modules (*gr-$\Sigma(\Delta)$*-injective modules)*, J. Algebra **100** (1986), No. 1, 179–190 (with Ş. Raianu).

66. *The splitting property for graded rings*, Comm Algebra **14** (1986), No. 3, 468–479.

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68. *Modules graded by G-sets. Maschke type theorems, Green theory and Clifford theory*, Preprint INCREST, 1986.

69. *Gabriel dimension of graded rings (II)*, J. Pure Appl. Algebra **51** (1988), 73–79 (with Ş. Raianu).

70. *When is R-*gr *equivalent to a category of modules?*, J. Pure Appl. Algebra **51** (1988), No. 3, 277–291 (with C. Menini).

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79. Gr-*simple modules and* gr-*Jacobson radical. Applications (II)*, Bull. Math. Soc. Sci. Math. Roumanie **34** (1990), No. 2, 125–133 (with C. Menini).

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