

Books

Introduction to modern algebra (Vietnamese), National University Press, Hanoi, 2001.

Papers

1. (with Nguyễn Hữu Đức; Nguyễn Sĩ Minh; Hà Huy Vui), Sur les germes de fonctions infiniment déterminés. (French) C. R. Acad. Sci. Paris Sér. A-B 285 (1977), no. 16, A1045–A1048.
2. (with Schenzel, Peter; Ngô Việt Trung), Verallgemeinerte Cohen-Macaulay-Moduln. (German) Math. Nachr. 85 (1978), 57–73.
3. (Nguyễn Tiến Dũng; Nguyễn Hữu Đức; Phạm, Frédéric), Singularités non dégénérées des systèmes de Gauss-Manin réticulés. (French) [Nondegenerate singularities of reticulated Gauss-Manin systems] With an appendix by Nguyễn Thế Cường. Mém. Soc. Math. France (N.S.) 1980/81, no. 6, i+85 pp.
4. (with Ngô Việt Trung), Über schwache Sequenzen. (German) Period. Math. Hungar. 12 (1981), no. 1, 77–80.
5. Freie Auflösung eines flachen holonomen Systems und ihre Entfaltung. (German) [Free resolution of a flat holonomic system and its unfolding] Seminarberichte [Seminar Reports], 38. Humboldt Universität, Sektion Mathematik, Berlin, 1981. iv+41 pp.
6. On the length of the powers of systems of parameters in local ring. Nagoya Math. J. 120 (1990), 77–88.
7. On the dimension of the non-Cohen-Macaulay locus of local rings admitting dualizing complexes. Math. Proc. Cambridge Philos. Soc. 109 (1991), no. 3, 479–488.
8. On the least degree of polynomials bounding above the differences between lengths and multiplicities of certain systems of parameters in local rings. Nagoya Math. J. 125 (1992), 105–114.
9. (with Nguyen Duc Minh), On the openness of the locus of points having polynomial type bounded above by a constant. Tạp chí Toán Học (Vietnam J. Math.) 20 (1992), no. 1, 71–76.
10. p -standard systems of parameters and p -standard ideals in local rings. Acta Math. Vietnam. 20 (1995), no. 1, 145–161.
11. (with Nguyen Duc Minh), On the lengths of Koszul homology modules and generalized fractions. Math. Proc. Cambridge Philos. Soc. 120 (1996), no. 1, 31–42.
12. (with Vu The Khoi), On the partial Euler-Poincaré characteristics of certain systems of parameters in local rings. Math. Z. 222 (1996), no. 3, 383–390.
13. (with Vu The Khoi), A lower bound for index of reducibility of parameter ideals in local rings. Vietnam J. Math. 25 (1997), no. 4, 341–345.
14. Remarks on the non-Cohen-Macaulay locus of Noetherian schemes. Proc. Amer. Math. Soc. 126 (1998), no. 4, 1017–1022.
15. (with Nguyen Duc Minh), On the length of generalized fractions of modules having polynomial type ≤ 2 . Vietnam J. Math. 26 (1998), no. 1, 87–90.
16. (with Vu The Khoi), Modules whose local cohomology modules have Cohen-Macaulay Matlis duals. Commutative algebra, algebraic geometry, and computational methods (Hanoi, 1996), 223–231, Springer, Singapore, 1999.

17. (with Le Thanh Nhan), Dimension, multiplicity and Hilbert function of Artinian modules. *East-West J. Math.* 1 (1999), no. 2, 179–196.
18. (with Nguyen Thai Hoa; Nguyen Thi Hong Loan), On certain length functions associated to a system of parameters in local rings. *Vietnam J. Math.* 27 (1999), no. 3, 259–272.
19. (with Nguyen Duc Minh), Lengths of generalized fractions of modules having small polynomial type. *Math. Proc. Cambridge Philos. Soc.* 128 (2000), no. 2, 269–282.
20. (with Tran Tuan Nam), Local homology for linearly compact modules. *Vietnam J. Math.* 28 (2000), no. 1, 87–91.
21. (with Le Thanh Nhan), On representable linearly compact modules. *Vietnam J. Math.* 28 (2000), no. 3, 291–294.
22. (with Tran Tuan Nam), The I-adic completion and local homology for Artinian modules. *Math. Proc. Cambridge Philos. Soc.* 131 (2001), no. 1, 61–72.
23. (with Nguyen Thai Hoa, Le Thanh Nhan), On modules whose local cohomology modules have generalized Cohen-Macaulay Matlis duals. *East-West J. Math.* 3 (2001), no. 2, 109–123.
24. (with Tran Tuan Nam), On the co-localization, co-support and co-associated primes of local homology modules. *Vietnam J. Math.* 29 (2001), no. 4, 359–368.
25. (with Le Thanh Nhan), On representable linearly compact modules. *Proc. Amer. Math. Soc.* 130 (2002), no. 7, 1927–1936.
26. (with Nguyen Thi Hong Loan), On pseudo-Buchsbaum modules. *Vietnam J. Math.* 30 (2002), no. 3, 299–303.
27. (with Le Thanh Nhan), On the Noetherian dimension of Artinian modules. *Vietnam J. Math.* 30 (2002), no. 2, 121–130.
28. (with Nguyen Thai Hoa), Parametrical characterizations for pseudo and sequentially Cohen-Macaulay modules. *Vietnam J. Math.* 30 (2002), no. 4, 417–420.
29. (with Morales, Marcel; Le Thanh Nhan), On the length of generalized fractions. *J. Algebra* 265 (2003), no. 1, 100–113.
30. (with Le Thanh Nhan), Pseudo Cohen-Macaulay and pseudo generalized Cohen-Macaulay modules. *J. Algebra* 267 (2003), no. 1, 156–177.
31. (with Doan Trung Cuong), dd-sequences and partial Euler-Poincaré characteristics of Koszul complex. *Vietnam J. Math.* 31 (2003), no. 3, 353–358.
32. (with Morales, Marcel; Le Thanh Nhan), The finiteness of certain sets of attached prime ideals and the length of generalized fractions. *J. Pure Appl. Algebra* 189 (2004), no. 1-3, 109–121.
33. (with Nguyen Thi Hong Loan), A characterization for pseudo Buchsbaum modules. *Japan. J. Math. (N.S.)* 30 (2004), no. 1, 165–181.
34. (with Nguyen Van Hoang), Some finite properties of generalized local cohomology modules. *East-West J. Math.* 7 (2005), no. 2, 107–115.
35. (with Nguyen Thi Hong Loan) A blowing-up characterization of pseudo Buchsbaum modules. *Vietnam J. Math.* 34 (2006), no. 4, 449–458.
36. (with Nguyen Thi Dung, Le Thanh Nhan), Generalized co-Cohen-Macaulay and co-Buchsbaum modules. *Algebra Colloq.* 14 (2007), no. 2, 265–278.
37. (with Doan Trung Cuong), dd-sequences and partial Euler-Poincaré characteristics of Koszul complex. *J. Algebra Appl.* 6 (2007), no. 2, 207–231.

38. (with Nguyen Thi Dung, Le Thanh Nhan), Top local cohomology and the catenaricity of the unmixed support of a finitely generated module. *Comm. Algebra* 35 (2007), no. 5, 1691–1701.
39. (with Doan Trung Cuong), On the structure of sequentially generalized Cohen-Macaulay modules. *J. Algebra* 317 (2007), no. 2, 714–742.
40. (with Doan Trung Cuong), On sequentially Cohen-Macaulay modules. *Kodai Math. J.* 30 (2007), no. 3, 409–428.
41. (with Nguyen Van Hoang), On the vanishing and the finiteness of supports of generalized local cohomology modules. *Manuscripta Math.* 126 (2008), no. 1, 59–72.
42. (with Tran Tuan Nam), A local homology theory for linearly compact modules. *J. Algebra* 319 (2008), no. 11, 4712–4737.
43. (with Hoang Le Truong), Asymptotic behavior of parameter ideals in generalized Cohen-Macaulay modules. *J. Algebra* 320 (2008), no. 1, 158–168.
44. (with Hoang Le Truong), Parametric decomposition of powers of parameter ideals and sequentially Cohen-Macaulay modules. *Proc. Amer. Math. Soc.* 137 (2009), no. 1, 19–26.
45. (with Le Thanh Nhan, Nguyen Thi Kieu Nga), On pseudo supports and non-Cohen-Macaulay locus of finitely generated modules. *J. Algebra* 323 (2010), no. 10, 3029–3038.
46. (with Doan Trung Cuong, Hoang Le Truong), On a new invariant of finitely generated modules over local rings. *J. Algebra Appl.* 9 (2010), no. 6, 959–976.
47. (with Nguyen Van Hoang, Pham Huu Khanh), Asymptotic stability of certain sets of associated prime ideals of local cohomology modules. *Comm. Algebra* 38 (2010), no. 12, 4416–4429.
48. (with Pham Hung Quy), A splitting theorem for local cohomology and its applications. *J. Algebra* 331 (2011), 512–522.
49. (with Goto, Shiro; Truong, Hoang Le) The equality $I_2=qI$ in sequentially Cohen-Macaulay rings. *J. Algebra* 379 (2013), 50–79.
50. (with Goto, Shiro; Truong, Hoang Le) Hilbert coefficients and sequentially Cohen-Macaulay modules. *J. Pure Appl. Algebra* 217 (2013), no. 3, 470–480.