

## PUBLICATION LIST

KHOA DANG NGUYEN

### Accepted papers:

12. (with D. Ghioca and H. Ye) *The dynamical Manin-Mumford conjecture and the dynamical Bogomolov conjecture for split rational maps*, accepted to J. European Math. Soc. (JEMS), 9/2016, *arXiv:1511.06081*
11. (with D. Ghioca, H. Krieger, and H. Ye) *The dynamical André-Oort conjecture: unicritical polynomials*, accepted to Duke Math. Journal, 2016, *arXiv:1505.01447*
10. (with D. Ghioca) *Dynamics of split polynomial maps: uniform bounds for periods and application*, accepted to Int. Math. Res. Not. IMRN, 2016, *arXiv:1510.05016*
9. *On modules of integral elements over finitely generated domains*, accepted to Trans. Amer. Math. Soc., 2015, *arXiv:1412.2868*
8. (with D. Ghioca and H. Krieger) *A case of the dynamical André-Oort conjecture*, Int. Math. Res. Not. IMRN., **2016** (2016), 738–758
7. (with D. Ghioca) *Dynamical anomalous subvarieties: structure and bounded height theorems*, Advances in Math., **288** (2016), 1433–1462
6. (with D. Ghioca and T. Tucker) *Portraits of preperiodic points for rational maps*, Math. Proc. Cambridge Philos. Soc., **159** (2015), 165–186.
5. *Some arithmetic dynamics of diagonally split polynomial maps*, Int. Math. Res. Not. IMRN., **2015** (2015), 1159–1199
4. *Algebraic independence of local conjugacies and related questions in polynomial dynamics*, Proc. Amer. Math. Soc., **143** (2015), 1491–1499
3. (with E. Amerik, P. Kurlberg, A. Towsley, B. Viray, and F. Voloch) *Evidence for the dynamical Brauer-Manin criterion*, Experimental Math. **25** (2016), 54–65
2. (with C. Gratton and T. Tucker) *ABC implies primitive prime divisors in arithmetic dynamics*, Bull. Lond. Math. Soc., **45** (2013), 1194–1208
1. (with B. Schmidt) *Fast computation of Gauss sums and resolution of the root of unity ambiguity*, Acta Arith., **140** (2009), 205–232

### Preprints:

4. (with D. Ghioca and T. Tucker) *Squarefree doubly primitive divisors in dynamical sequences*, submitted, *arXiv:1608.01361*
3. (with D. Ghioca) *The orbit intersection problem for linear spaces and semiabelian varieties*, submitted, *arXiv:1604.02529*

2. (with A. Kulkarni and N. M. Mavraki) *Algebraic approximations of linear combinations of powers: an extension of results by Mahler and Corvaja-Zannier*, submitted, *arXiv:1511.08525*
1. (with J. Bell) *Some finiteness results on monogenic orders in positive characteristic*, submitted, *arXiv:1508.07624*

KHOA DANG NGUYEN, DEPARTMENT OF MATHEMATICS, UNIVERSITY OF BRITISH COLUMBIA, AND  
PACIFIC INSTITUTE FOR THE MATHEMATICAL SCIENCES, VANCOUVER, BC V6T 1Z2, CANADA

*E-mail address:* `dknguyen@math.ubc.ca`

*URL:* `www.math.ubc.ca/~dknguyen`