

List of Publications

Journal Papers

- [1] X.-M. Niu, T. Sakurai, A method for finding the zeros of polynomials using a companion matrix, *Japan J. Indust. Appl. Math.*, Vol. 20, No. 2 (2003), pp. 239–256.
- [2] X.-M. Niu, T. Sakurai, An eigenvalue method for finding the multiple zeros of a polynomial(in Japanese), *Trans. of Japan Society for Industrial and Applied Mathematics*, Vol. 13, No. 4 (2003), pp. 447–460.
- [3] X.-M. Niu, T. Sakurai and H. Sugiura, A verified method for finding polynomial factors of analytic functions(in Japanese), *Trans. of Japan Society for Industrial and Applied Mathematics*, Vol. 14, No. 1 (2004), (to appear).

Conference Presentations

- [1] X.-M. Niu, T. Sakurai, A verified method for finding polynomial factors of analytic functions(in Japanese), Proc. of the 2002 Japan Society for Industrial and Applied Mathematics Conference, pp. 12, 2002.
- [2] X.-M. Niu, T. Sakurai and H. Sugiura, A verified method for finding polynomial factors of analytic functions(in Japanese), Proc. of the 32nd Numerical Analysis Symposium, pp. 87–90, 2003.