

Academics

Table of contents

1 Research Areas.....	2
2 Theses.....	2
3 Publications.....	2

1. Research Areas

- Evolutionary Computation
- Natural Language Processing
- Operating Systems
- Constraint Programming

2. Theses

- Onur Tolga Sehitoglu, "A Sign-based Phrase Structure Grammar for Turkish", MS Thesis, METU Dept. of Comp. Eng., January 1996 (97 pages, [pdf](#), [abstract](#)).
- Onur Tolga Sehitoglu, "Gene Reordering and Concurrency in Genetic Algorithms", Phd Thesis, METU Dept. of Comp. Eng., August 2002 (90 pages, [pdf](#), [abstract](#)).

3. Publications

- Onur Tolga Sehitoglu, Göktürk Üçoluk, "Gene Level Concurrency in Genetic Algorithms" in LNCS Computer and Information Sciences - ISCIS 2003, pp. 976-983, Vol. 2869/2003, Springer-Verlag Heidelberg, October 2003. ([pdf](#), [abstract](#))
- O. Sehitoglu, G. Üçoluk, "A Building Block Favoring Reordering Method for Gene Positions in Genetic Algorithms" in Proc. of the Genetic and Evolutionary Computation Conference (GECCO-2001), pp:GP:180. San Francisco, CA: Morgan Kaufmann Publishers, 2001. ([pdf](#), [abstract](#))
- O. Sehitoglu, C. Bozsahin, "Lexical Rules and Lexical Organization" in Breadth and Depth of Semantic Lexicons, E. Viegas (ed.), Kluwer, 1999. ([pdf](#), [abstract](#))
- M. Turhan, O. Sehitoglu, "Resolution of Dropped Pronouns in a Phrase Structure Grammar", in Proceedings of the ESSLLI'97 student session, Aix en Provence, 1997. ([pdf](#), [abstract](#))
- O. Sehitoglu, C. Bozsahin, "Morphological Productivity in the Lexicon" in Proc. of the ACL SIGLEX Workshop at Santa Cruz. , 1996. ([pdf](#), [abstract](#))
- E. Gocmen, O. Sehitoglu, C. Bozsahin, "An Outline of Turkish Syntax", Technical Report, METU Dept. of Comp. Eng., March 1995 . ([pdf](#))