

Preprint No. 61

Classification: AL 2.4

PROBLEM OF IMPROVING THE EFFICIENCY OF
PARSING SYSTEMS

- D. Varga -

INTERNATIONAL CONFERENCE
ON
COMPUTATIONAL LINGUISTICS
↓
COLING

1969



RESEARCH GROUP FOR QUANTITATIVE LINGUISTICS
Address: Fack Stockholm 40, SWEDEN

**International Conference on
COMPUTATIONAL LINGUISTICS**

1-4 September 1969

Stockholm, Sweden

**Problems of improving the efficiency
of parsing systems**

by

D. Varga

Author's address:

**Computing Center
of the Hungarian
Academy of Sciences
I. Uri u. 49.
Budapest, Hungary**

Contents:

1. The number of all the possible structures as a function of the length of the sentence	1
2. Syntactic ambiguities	3
3. Questions of tactics	6
4. The strategy of analysis I.	14
5. The strategy of analysis II.	20
6. A new strategy suggested for analyzing CF languages	25