

# SLAD METHOD FOR CANCER REGISTRATION

Ioana Chiorean<sup>\*1</sup>, Liana Lupşa<sup>2</sup>, Luciana Neamţiu<sup>3</sup>

<sup>1,2</sup> *Faculty of Mathematics and Computer Science, Babeş-Bolyai  
University, Cluj-Napoca,*

<sup>3</sup> *Cancer Institute Ion Chiricuta, Cluj-Napoca*

[{llupsa,ioana}@math.ubbcluj.ro,luciana@iocn.ro]

**2000 Mathematics Subject Classification.** 46N60

**Keywords and phrases.** Logical analysis of data, data registration in Oncology, SLAD method.

The Logical Analysis of Data (LAD) is a method extensively used in Medicine for data classification. The present paper contains a slightly modified approach of this method, called Successive Logical Analysis of Data (SLAD), more appropriate to the data registration in Oncology. The corresponding algorithm is also presented.

## REFERENCES

- [1] E. Boros, P.L. Hammer, T. Ibaraki, Al. Kogan, *Logical analysis of numerical data*, Math. Program., **79** (1997), pp. 163-190.
- [2] E. Boros, P.L. Hammer, T. Ibaraki, et al, *An Implementation of Logical Analysis of Data*, IEEE Trans Knowl Data Eng, **12** (2000), pp. 292-306.