

Bul.St.Univ.Baia Mare  
Seria B, Matematică-Informatică, Vol.VII, Nr.1-2, 139-140

MIPS WORK-STATION FOR MINERALOGIC ANALYSIS

M.Bocu, R.Parastie, S.Selinger, G.Sulucz, M.Valda, A.Terec

ABSTRACT. The system offers powerful image processing capabilities. The general purpose menu programs in the MIPS system provide a flexible means of extracting particle size information for a wide range of materials from a micro scale in the material sciences.

Accurate measurements can be made of the individual components of a particular material. Application areas include: inclusions in analysing samples, grain boundaries, particle sizing. In a research laboratory there are samples providing more detailed information about its mineral characteristics, with final detection of components and their agglomeration, and pseudo colour improved interpretation.