

SUMMARY

In this work we present a faultfinding study concerning the accuracy of the porosity measures obtained through image analysis systems.

We discuss from an experimental point of view the various types of error that can be made upon using these technics as are the ones incurred through : cut, object, orientation on the monitor display, image distortion in the monitor and errors caused by the operator himself, (detection).

A few additional remarks are also offered in regard to the speed factor of these technics and on the statistical significance of the results obtained.