Special issue on

NUMERICAL DENSITY

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FOREWORD

The particle density N_v, i.e. the average number of particles per unit volume of the material, is the basic parameter characterizing its structure. Basing on the knowledge of N_v, it is possible to calculate the average values of other global parameters of the structure per a single particle. For this reason, N_v occupies a special position among the parameters of the quantitative characteristics of the structure of materials.

The aim of this special issue of Acta Stereologica is the presentation of recent results concerning N_v. Unfortunately, the editors managed to obtain only one paper referring to the application of N_v in biology. The introductory article brings a short review of the methods of determining N_v with reference to convex particles and comments on their practical application in metallography.

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