

ON THE STEREOLOGICAL ESTIMATION OF REDUCED MOMENT MEASURES

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Abstract. Recently, a new set of fundamental stereological formulae based on isotropically oriented probes through fixed points have been derived, the so-called “nucleator” estimation principle (cf. Jensen and Gundersen (1989, *J. Microsc.*, **153**, 249–267)). In the present paper, it is shown how a model-based version of these formulae leads to stereological estimators of reduced moment measures of stationary and isotropic random sets in \mathbb{R}^n .

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