

PROLOGUE

The XIth Workshop on Geometric Methods in Physics, (held in Białowieża, Poland) like its predecessors, was a topical meeting with approximately fifty participants. The Workshop was organized around the general theme of quantization and coherent states, leading to an in-depth study of various inter-related aspects of the geometry of quantization and representation theory. Specific topics include geometric methods of quantization of finite and infinite dimensional systems, with emphasis on coherent states, Poisson structures, loop spaces, Berry's phase and $*$ -products. Some applications and special topics, notably super-coherent states were also discussed.

The lectures were held in an informal setting, and since all participants were in residence for about a week, there were extensive mutual exchange of ideas and discussions — facilitated greatly, no doubt, by the picturesque setting of Białowieża.

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Finally, it is their pleasant task to thank Ms. Cindy Parkinson who typeset and brought the volume into its final form — all this, always with a smile.