

Spiral structure and the clumpy HI Sub-Structure of the Halo of the Milky Way

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In our search for the clumpy sub-structure of the Milky Way we use a model for the disk to define in the phase-space of the Halo in which the study of the HI clouds will be undertaken. We will discuss our attempt to refine the model of the disk by implementing the spiral structure using the linear density wave theory and we will present the first sample of HI clouds from observations done with Effelsberg telescope

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