



## **Ice microstructure and fabric: an up to date approach to measure textures**

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Automatic c-axes analyzers have been developed over the last years, leading to a large improvement of the available data for the ice crystals texture analysis. Such an increase of the quality and quantity of the data allows for stricter statistical estimates. The current textural parameters, i.e. fabric (crystallographic orientations) and microstructure (grain boundaries network), will be presented. These parameters define the state of the polycrystal and give information about the deformation undergone by the ice. In order to take into account the ability arising from automatic measurements, some parameter definitions are updated and new parameters are proposed. Moreover, a Matlab toolbox has been developed to extract all the textural parameters. This toolbox, that can be downloaded online, will be briefly described.