

SQUV and PCA: data analysis tools for THÉMIS-MTR data.
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The Stokes Quick Viewer is a new tool for THEMIS-MTR data.

This code allows to reduce any spectropolarimetric data taken in any observing mode present in the MTR instrument of THEMIS, i.e. the so-called 2x1, 2x2 and grid observing modes.

We will explain the main steps of the code and even perform a real-time demonstration.

Some reduced data will be shown.

Furthermore, we will present the results for Fe I 6301 and 6302 AA after they have been processed by the PCA Inversion Code.

In this way, with these new tools the reduction and analysis of THEMIS data become a straightforward task, that can even be accomplished in an automatic and online way.