3D ultrasound file reading and coordinate transformations

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Summary

The Kretzfile format is used to store 3D ultrasound data from GE Voluson ultrasound scanners. The geometry used in these files is a toroidal coordinate system. We present ITK transformation and utilities to convert Kretzfiles to cartesian coordinates. Previous work (**???**) has enabled the reading of kretz files and approximate coordinate transformations. This work will enable medical imaging researchers to investigate clinically 3D ultrasound.

References