

Changes for LoopStructural GMD paper

We have made a number of changes to the paper, the major changes are outlined below.

1. Unnecessary equations have been removed from the paper and put into an appendix section.
2. Example 1 has been modified to use a combination of functions and noise, rather than pure noise
3. Added an example where the fault slip directions have been perturbed
4. Description of loopstructural has been revised to be more conceptual and not include unnecessary references to the code
5. Resulting models for folds and south Australian example are saved as html objects for interactive visualisation
6. Added appendix showing how tetrahedral mesh is generated from cartesian grid

We have also made significant changes to the library, including updating the documentation and installation process.

1. LoopStructural is built on github actions for every release and the python binaries are uploaded automatically to pypi for windows, linux and macosx. This will mean it is easier for users to install LoopStructural.
2. A docker container loop3d/loop has been built including all of the dependencies used to create and run the examples in this paper
3. LoopStructural can be installed and run on google colab (excluding surfe and map2loop)
4. The library and case studies are persistently archived on zenodo.