

Used settings for test dataset (settings from analysis on original full dataset)

Preparation

Control lines for: scales 1-6, stepsize 1

A circular ROI was chosen as the original full dataset is cylindrical too.

Main code

Parameter	Value	Value to use when unspecified	Section
s_{\min}	2	-	3.2, 3.2.1
s_{\max}	5	-	3.2, 3.2.1
s_{step}	1	-	3.2, 3.2.1
$uses_{\min}$	2	$=s_{\min}$	3.2.1
$uses_{\max}$	5	$=s_{\max}$	3.2.1
$uses_{\text{step}}$	1	$=s_{\text{step}}$	3.2.1
blocksize	47	-	3.2, 3.2.2
avgmat	36500	Maximum greyscale (8 bit: 255, 16 bit: 65535)	3.3, 3.3.1
consthresh	25700	0	3.3, 3.3.2
maxmat	43000	Maximum greyscale (8 bit: 255, 16 bit: 65535)	3.3, 3.3.3
padding	0	0 (recommended)	3.3, 3.3.4

Calibration

Parameter	Value (between 0 and 1)
1) mincal	0.055
2) maxcal	0.321
Added threshold (=consthresh)	25700

Connectivity filtering

Threshold: 1

NOTE: files and folders

The *InputHess* and *Calc* folders were removed manually afterwards for memory reasons. These folders contain intermediate files that are not of large importance for comparison.