

SSFA comparison

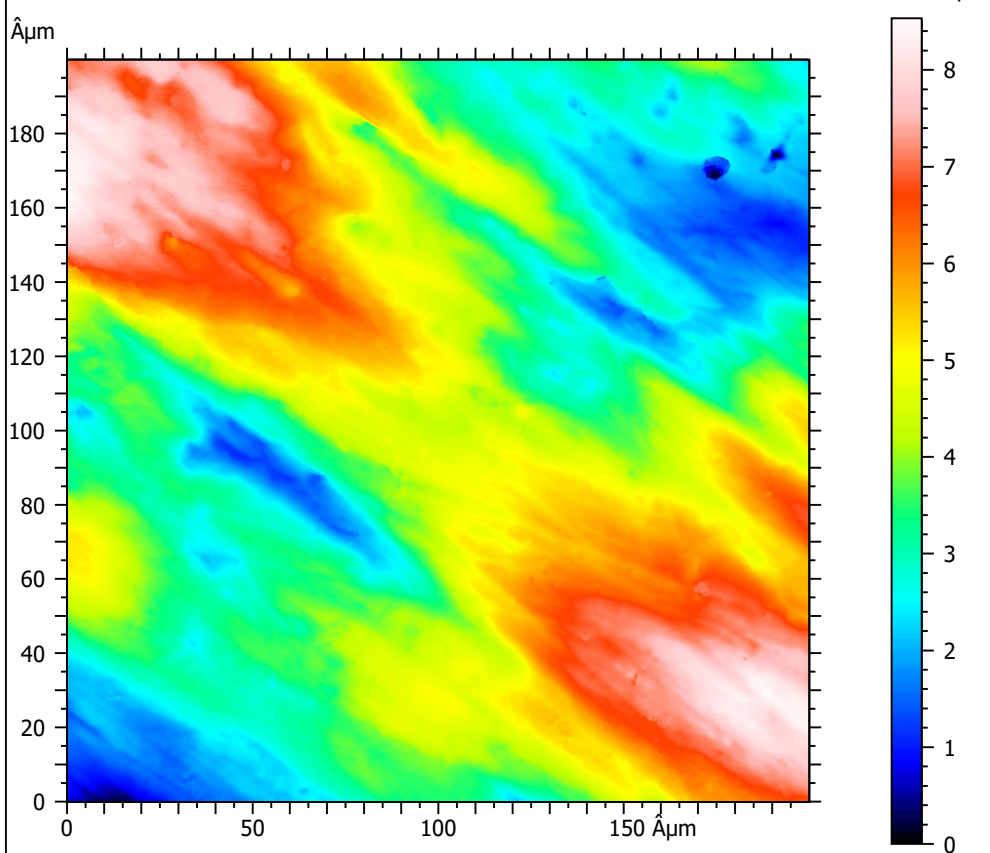
Template to process all surfaces acquired with the Leica DCM8 with the 100x/0.90 objective.

A. Processing

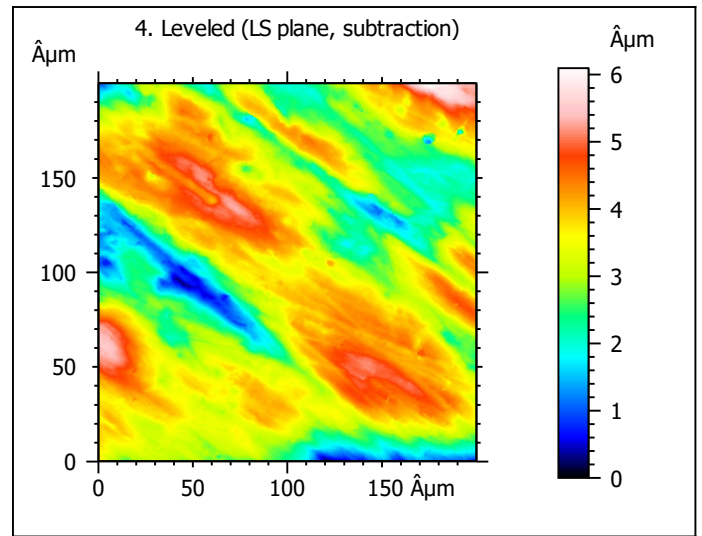
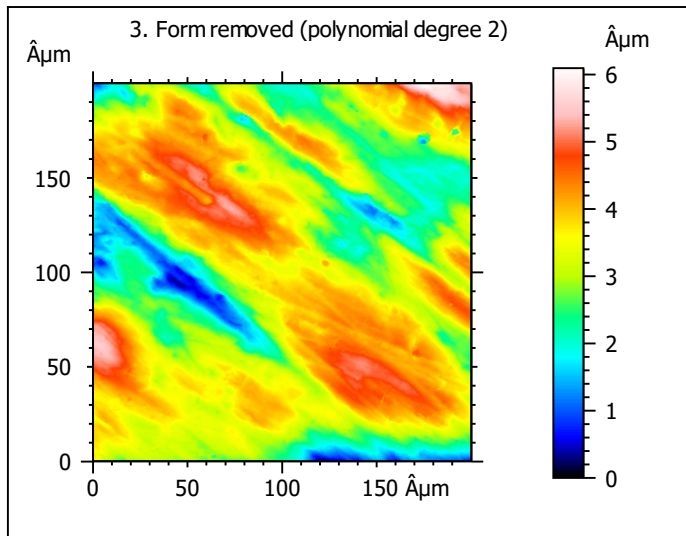
Identity card

Name:	L7_Ovis_80312_lm2_sin		
File path:	D:\Data\3Ddata\SSFA\Sheeps\Original surfaces\L7_Ovis_80312_lm2_sin.sur		
Studiable type:	Surface		
Axis:	X		
Length:	199.9	Âµm	
Size:	1551	points	
Spacing:	0.1290	Âµm	
Axis:	Y		
Length:	199.9	Âµm	
Size:	1551	points	
Spacing:	0.1290	Âµm	
Axis:	Z		
Length:	8.534	Âµm	
Size:	522530369	digits	
Spacing:	1.633e-08	Âµm	
NM-points ratio:	0.000 % (0 Pts)		

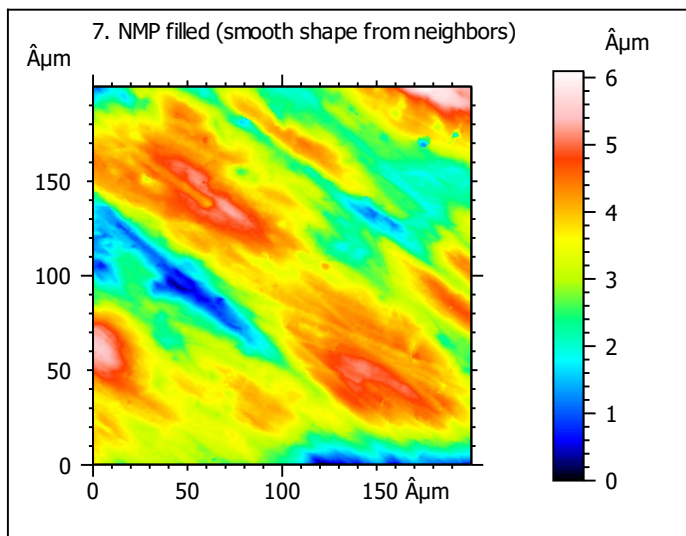
1. Acquired surface



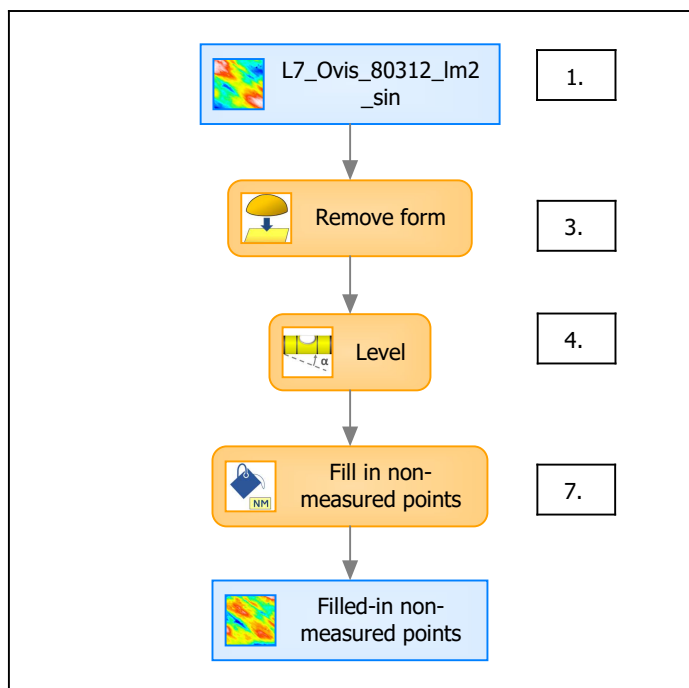
Note that the surfaces have been preprocessed (mirrored in z, cut to 200x200 µm and automatically cleaned) according to Merceron et al. (2016), Proc. R. Soc. B 283: 20161032.



Identity card	
Name:	L7_Ovis_80312_lm2_... > Leveled (LS-plane)
Axis:	Z
NM-points ratio:	0.000 % (0 Pts)



B. Summary



Identity card

Name: L7_Ovis_80312_Im2_sin > Form removed (LS-poly 2) > Leveled (LS-plane) > Filled-in non-measured points

Studiable type: Surface

Axis: X

Length: 199.9 μm
Size: 1551 points
Spacing: 0.1290 μm

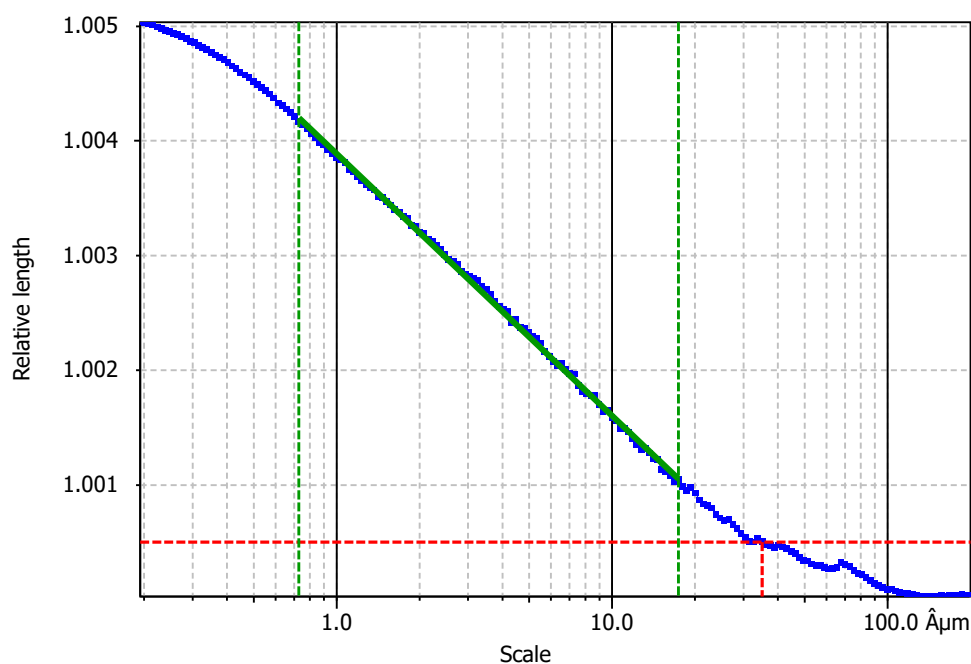
Axis: Y

Length: 199.9 μm
Size: 1551 points
Spacing: 0.1290 μm

Axis: Z

Layer type: Unknown

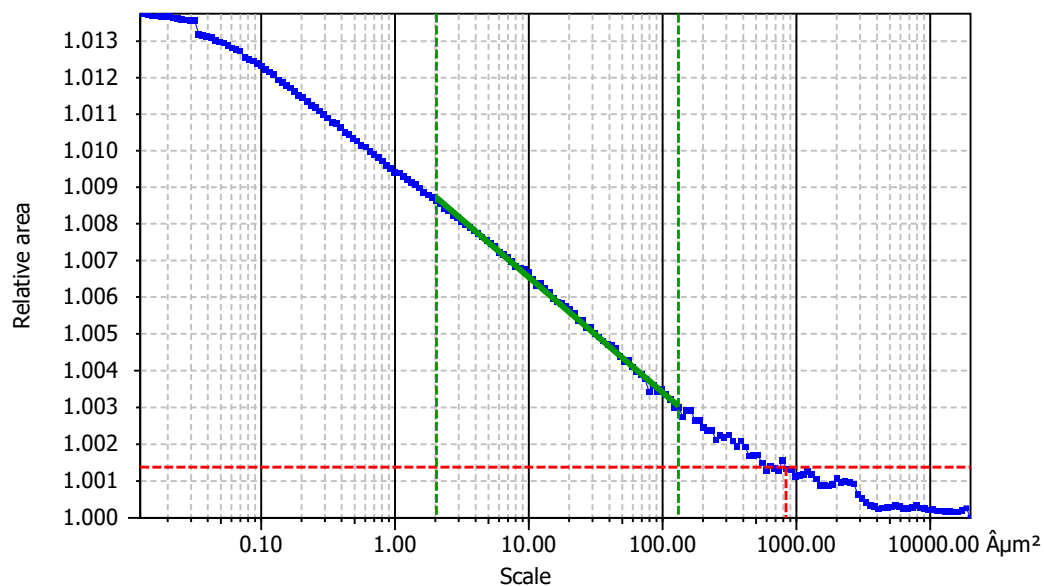
Length: 6.094 μm
Size: 373160011 digits
Spacing: 1.633e-08 μm

**Information**

Method	Length-scale (rows)
--------	---------------------

Parameters

Parameters	Value	Unit	Comment
epLsar	0.007925		Length-scale anisotropy (<i>Sfrax</i>) ($1.8 \text{ Å}\mu\text{m}$, 5°)
NewEplsar	0.02001		Length-scale anisotropy ($1.8 \text{ Å}\mu\text{m}$, 5°)

**Information**

Method	Area-scale (four corners)
--------	---------------------------

Parameters

Parameters	Value	Unit	Comment
R ²	0.9982		Reg. coefficient R^2
Asfc	1.356		Fractal complexity
Smfc	44.73	Åμm ²	Scale of max complexity
HAsfc9	0.3011		Heterogeneity of Asfc (3x3)
HAsfc81	0.6857		Heterogeneity of Asfc (9x9)