

SSFA comparison

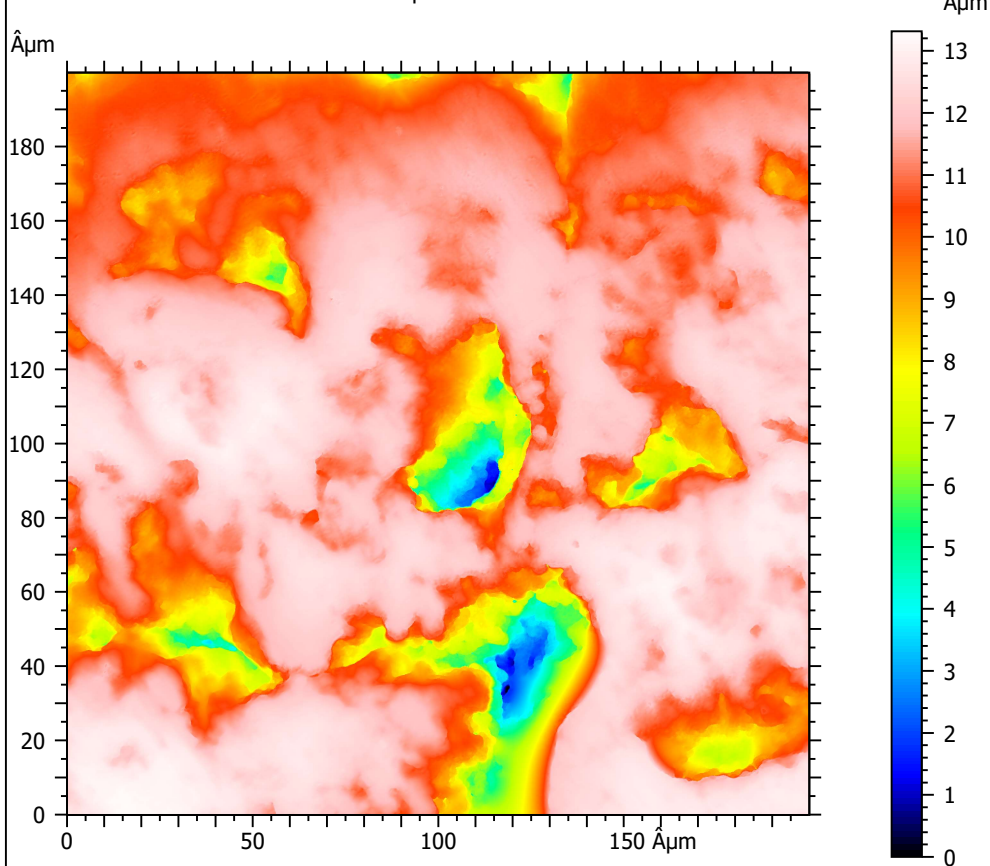
Template to process all surfaces acquired with the Leica DCM8 with the 100x/0.90 objective.

A. Processing

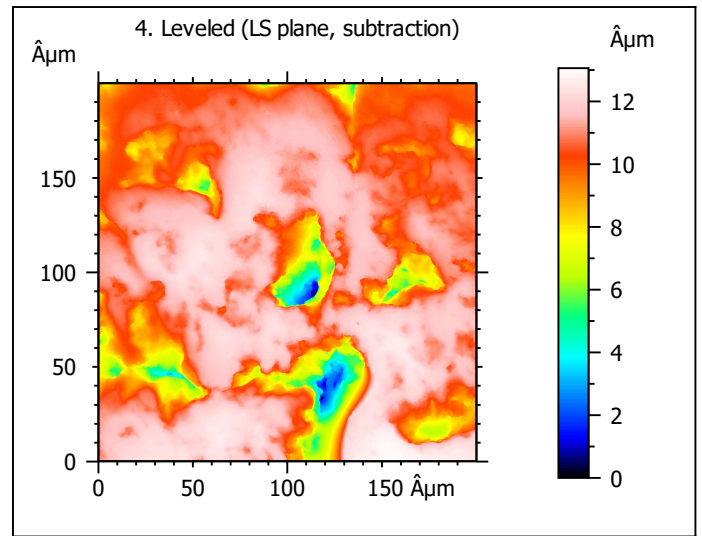
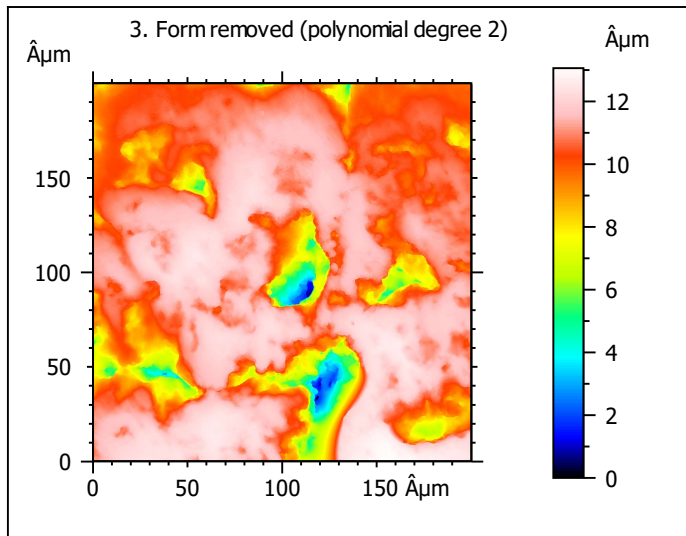
Identity card

Name:	L5_Ovis_90287_lm2_sin		
File path:	D:\Data\3Ddata\SSFA\Sheeps\Original surfaces\L5_Ovis_90287_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:	13.32	Âµm	
Size:	268435456	digits	
Spacing:	4.961e-08	Âµm	
NM-points ratio:	0.000 % (0 Pts)		

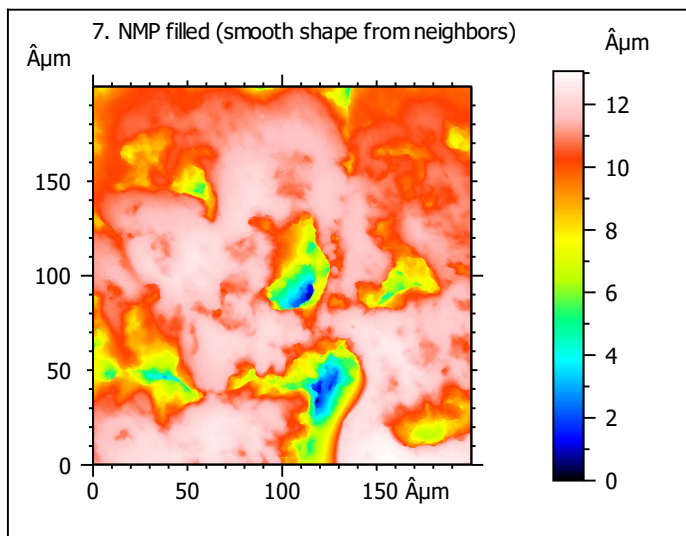
1. Acquired surface



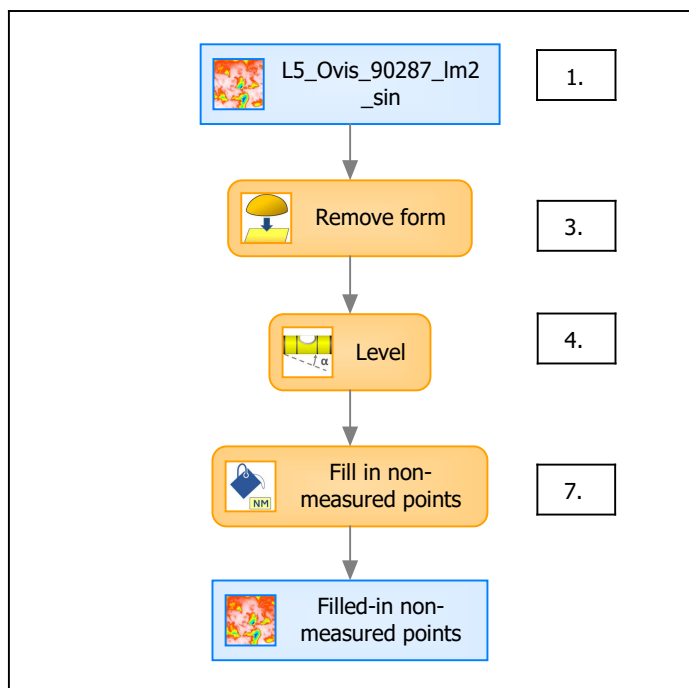
Note that the surfaces have been preprocessed (mirrored in z, cut to 200x200 µm and automatically cleaned) according to Merceron et al. (2016), Proc. R. Soc. B 283: 20161032.



Identity card	
Name:	L5_Ovis_90287_lm2_... > Leveled (LS-plane)
Axis:	Z
NM-points ratio:	0.000 % (0 Pts)



B. Summary



Identity card

Name: L5_Ovis_90287_Im2_sin > Form removed (LS-poly 2) > Leveled (LS-plane) > Filled-in non-measured points

Studiabale type: Surface

Axis: X

Length: 199.9 $\hat{\mu}\text{m}$
Size: 1551 points
Spacing: 0.1290 $\hat{\mu}\text{m}$

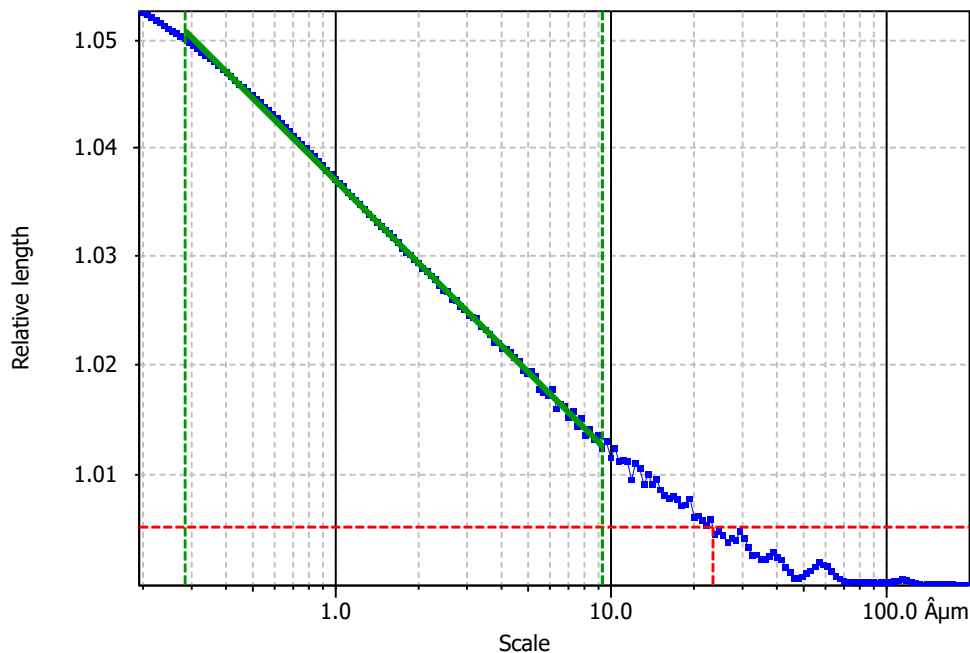
Axis: Y

Length: 199.9 $\hat{\mu}\text{m}$
Size: 1551 points
Spacing: 0.1290 $\hat{\mu}\text{m}$

Axis: Z

Layer type: Unknown

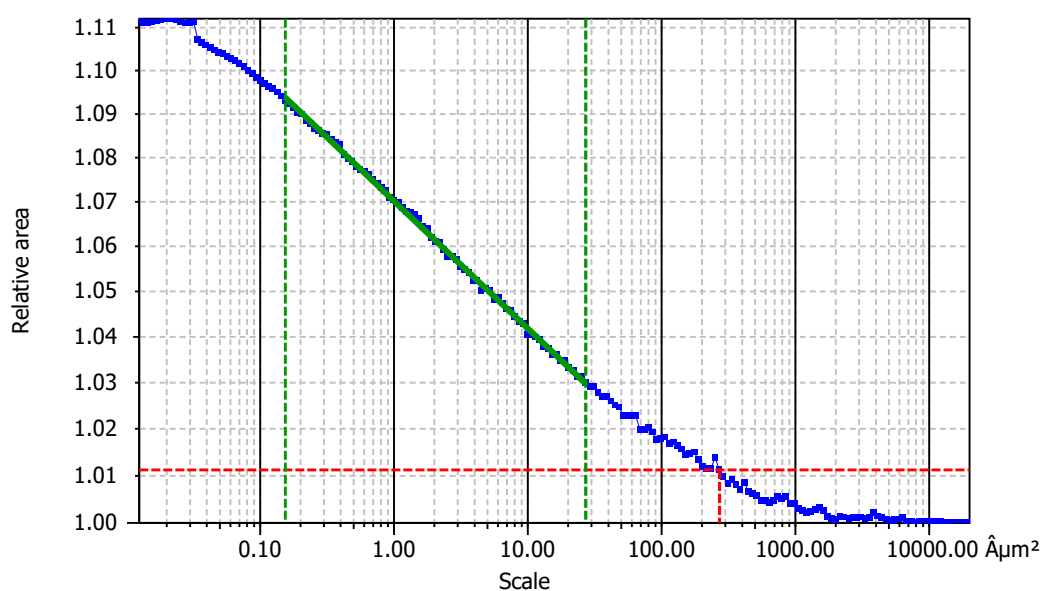
Length: 13.06 $\hat{\mu}\text{m}$
Size: 263288652 digits
Spacing: 4.961e-08 $\hat{\mu}\text{m}$

**Information**

Method	Length-scale (rows)
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Parameters

Parameters	Value	Unit	Comment
epLsar	0.0003989		Length-scale anisotropy (S_{frax}) ($1.8 \text{ Å}\mu\text{m}$, 5°)
NewEplsar	0.01765		Length-scale anisotropy ($1.8 \text{ Å}\mu\text{m}$, 5°)

**Information**

Method	Area-scale (four corners)
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Parameters

Parameters	Value	Unit	Comment
R^2	0.9991		Reg. coefficient R^2
Asfc	11.66		Fractal complexity
Smfc	3.374	$\text{Å}\mu\text{m}^2$	Scale of max complexity
HAsfc9	0.8241		Heterogeneity of Asfc (3×3)
HAsfc81	1.460		Heterogeneity of Asfc (9×9)