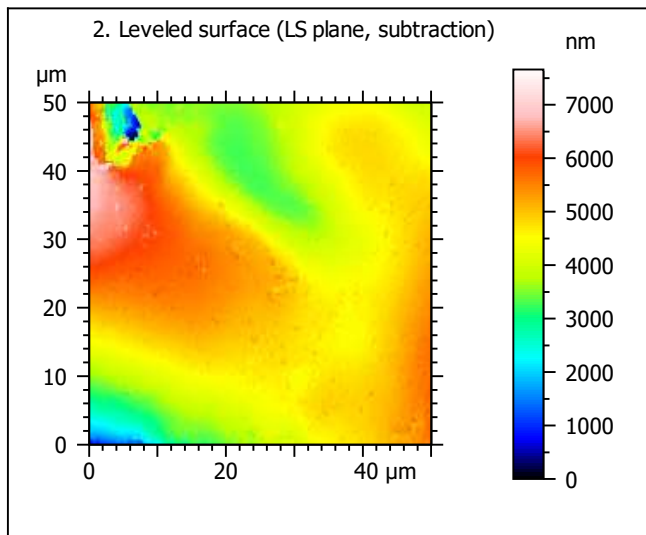
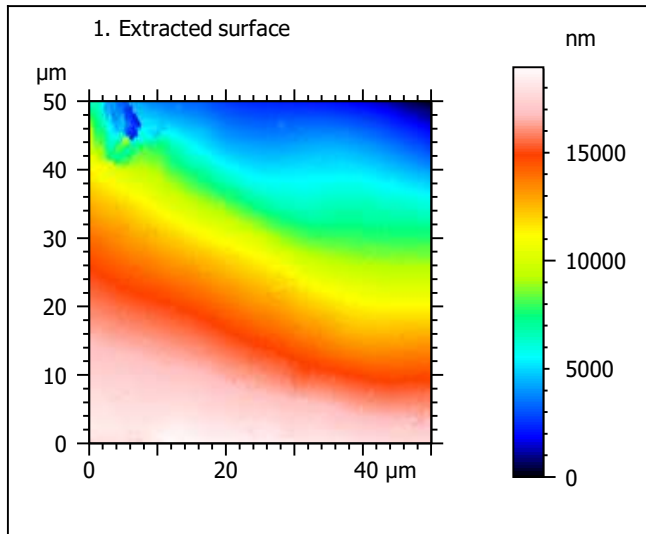
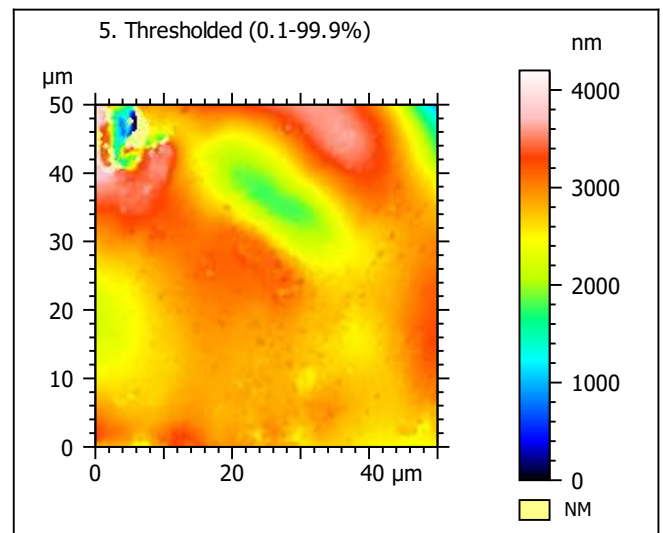
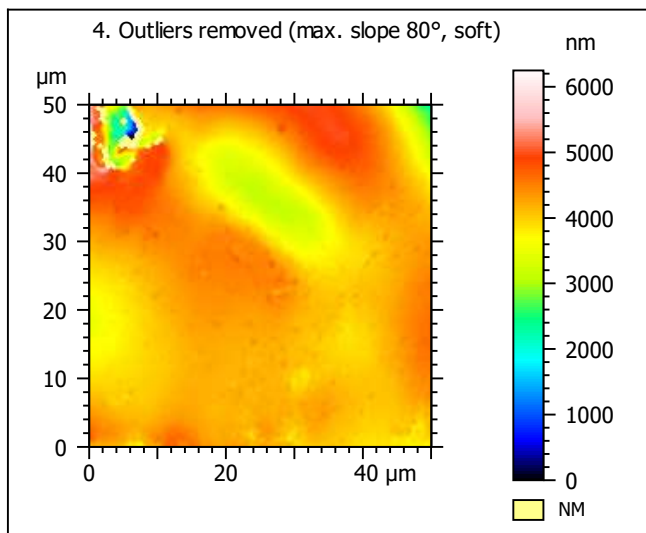
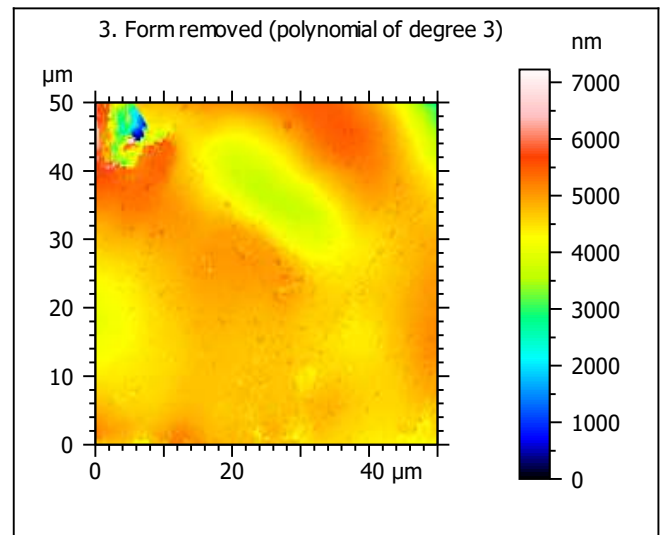


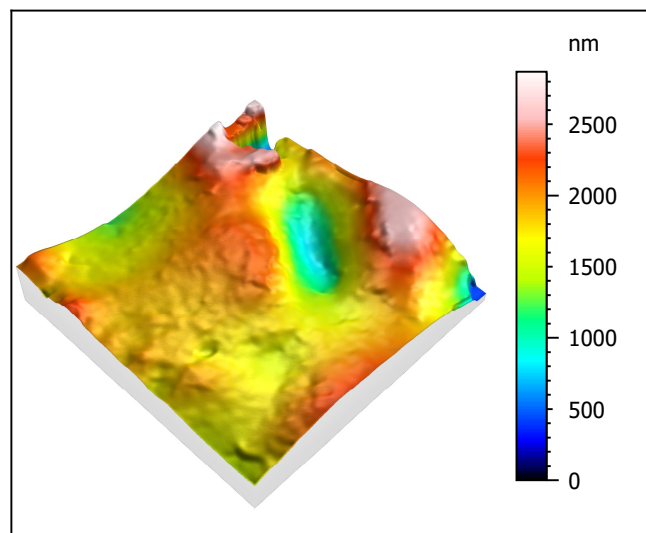
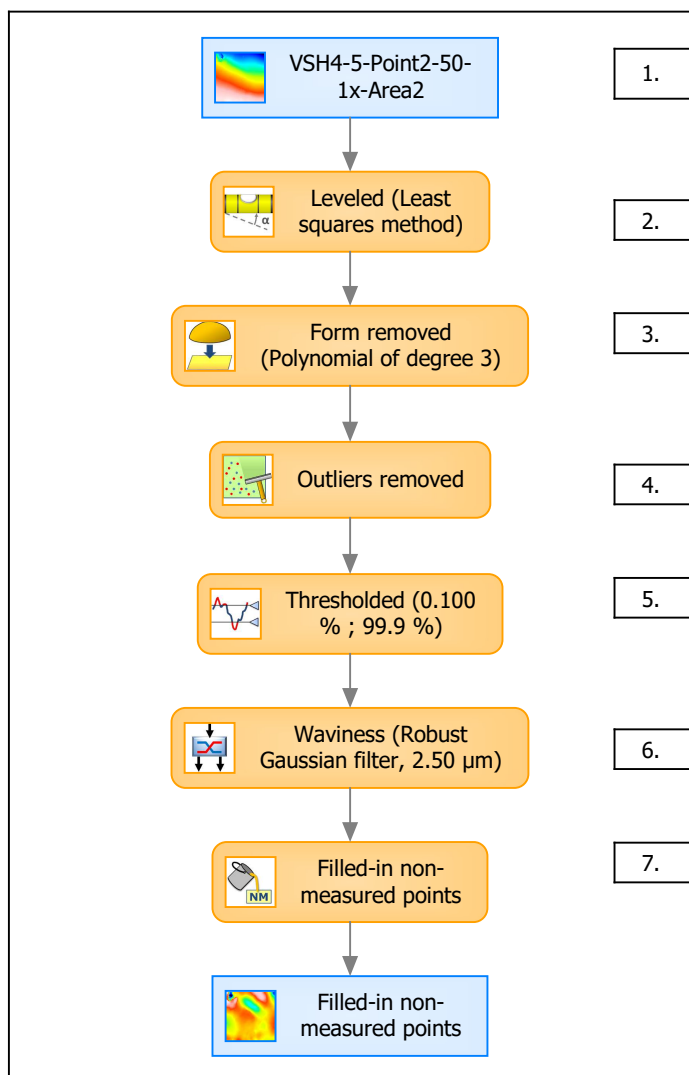
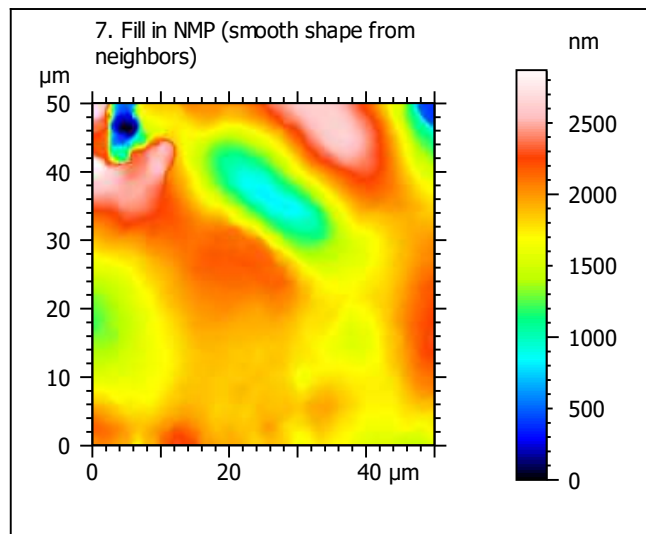
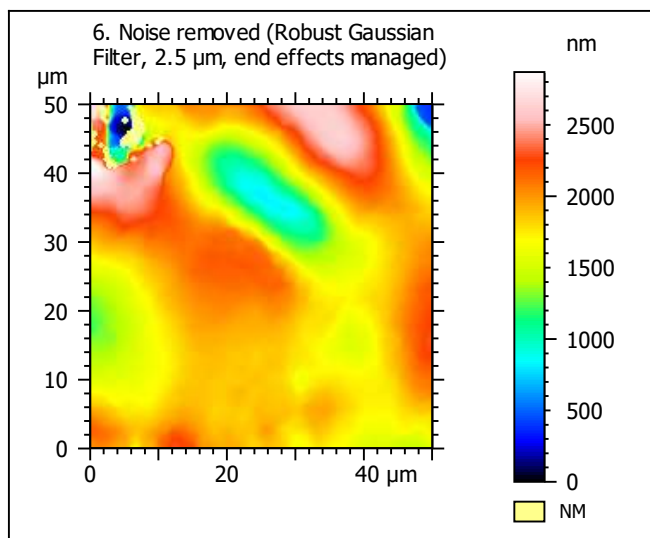
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-5-Point2-50-1x-Area2		
File path:	D:\Data\Anto...\VSH4-5-Point2-50-1x-Area2.sur		
Axis:	X		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Y		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Z		
Length:	18948	nm	
Size:	14659	digits	
Spacing:	1.29	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-5-Point2-50-1x-Area2 > Levelled (Least...		
Axis:	X		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Y		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Z		
Length:	2870	nm	
Size:	2220	digits	
Spacing:	1.29	nm	
NMP ratio:	0.00 % (0 Pts)		

Analyses:

8. ISO 25178

9. Furrow

10. Texture isotropy and direction

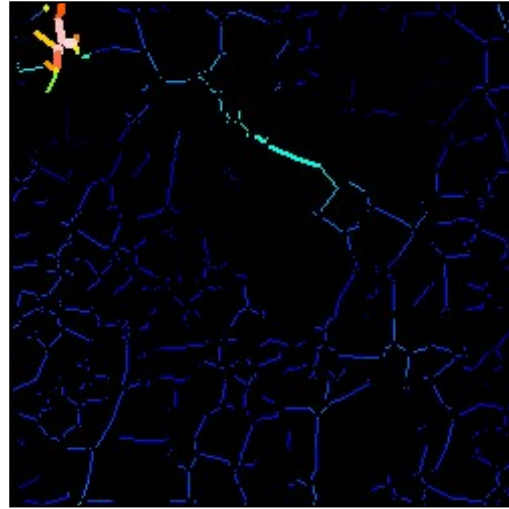
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	371	nm
Ssk	-0.742	
Sku	5.19	
Sp	1053	nm
Sv	1816	nm
Sz	2870	nm
Sa	266	nm
Functional Parameters		
Smr	43.8	%
Smc	411	nm
Sxp	913	nm
Spatial Parameters		
Sal	4.87	μm
Str	0.170	
Std	152	$^{\circ}$
Hybrid Parameters		
Sdq	0.178	
Sdr	1.24	%
Functional Parameters (Volume)		
Vm	0.0212	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.433	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0212	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.262	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.369	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0639	$\mu\text{m}^3/\mu\text{m}^2$

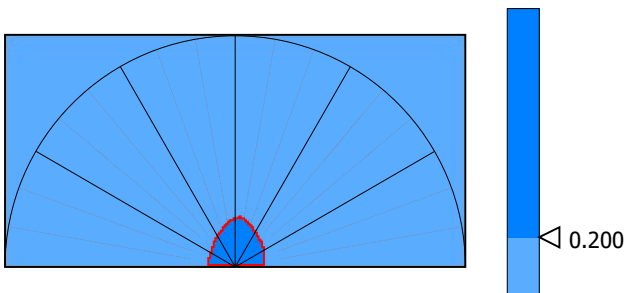
9. Furrow analysis surface #7



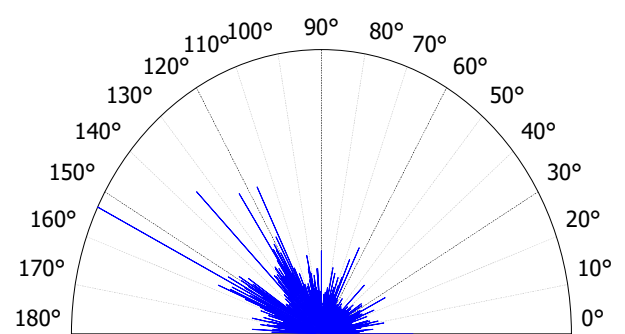
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	1481	nm
Mean depth of furrows	205	nm
Mean density of furrows	2144	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	56.0	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	$^{\circ}$



Parameters	Value	Unit
Isotropy	17.0	%
First Direction	154	$^{\circ}$
Second Direction	135	$^{\circ}$
Third Direction	124	$^{\circ}$

