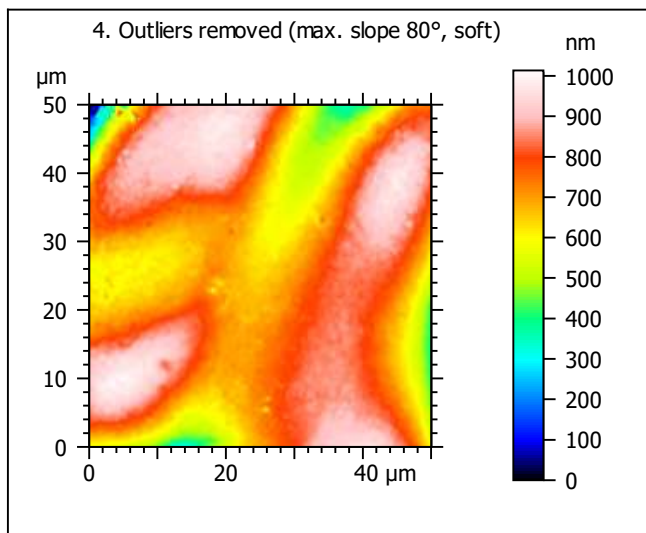
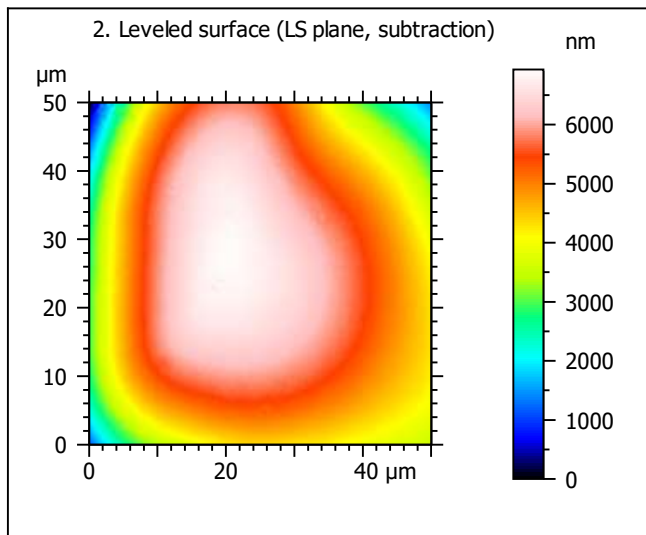
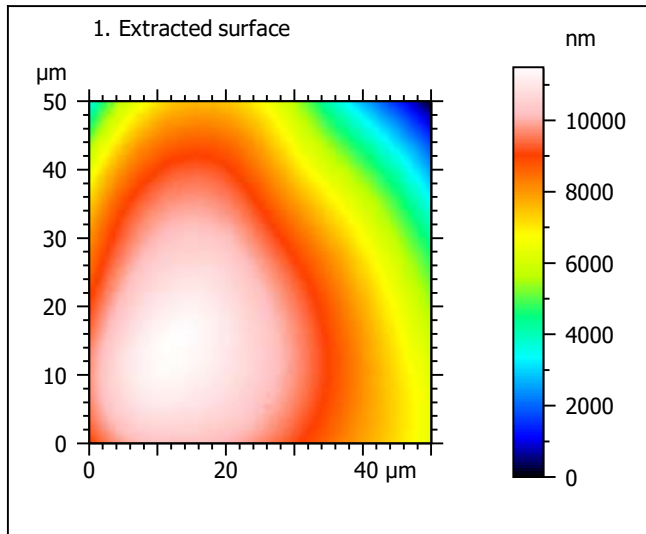
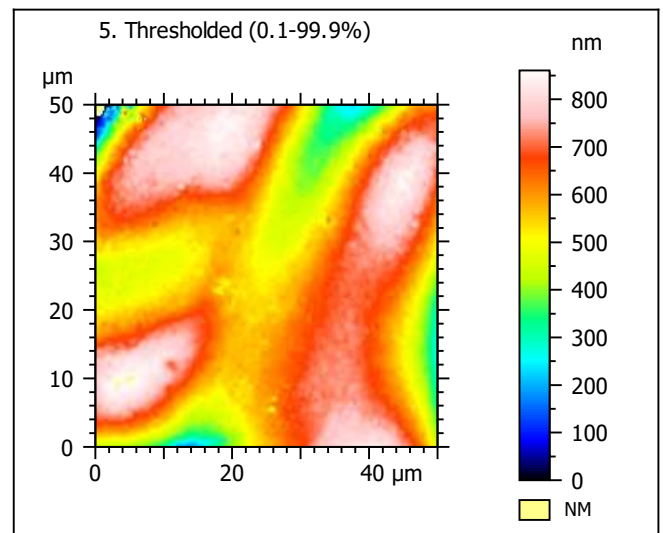
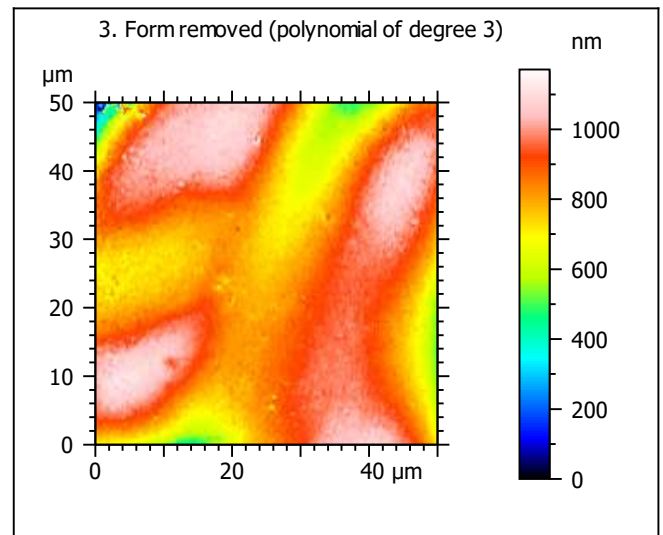


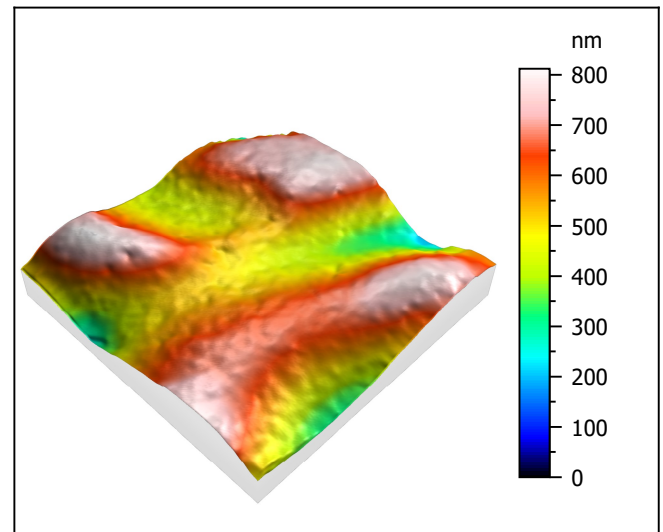
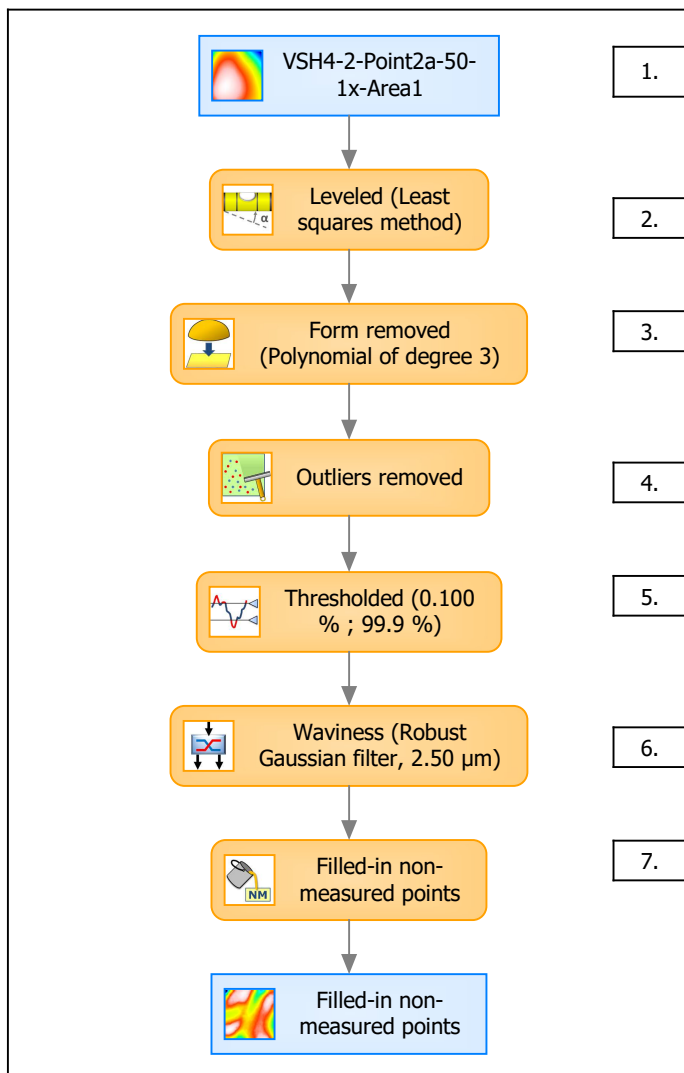
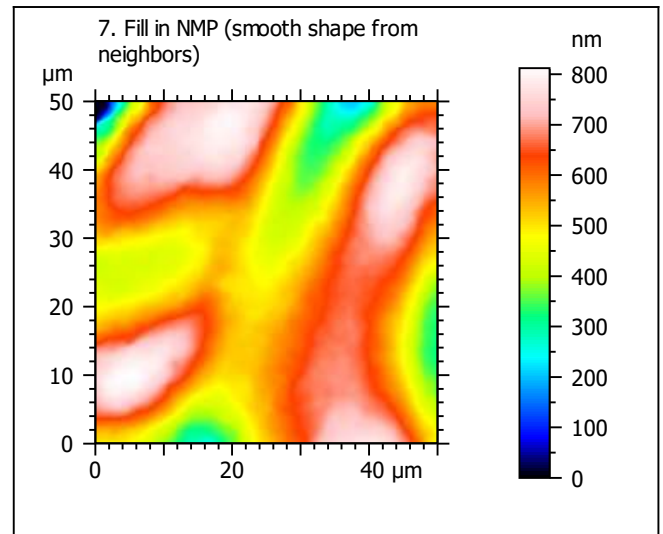
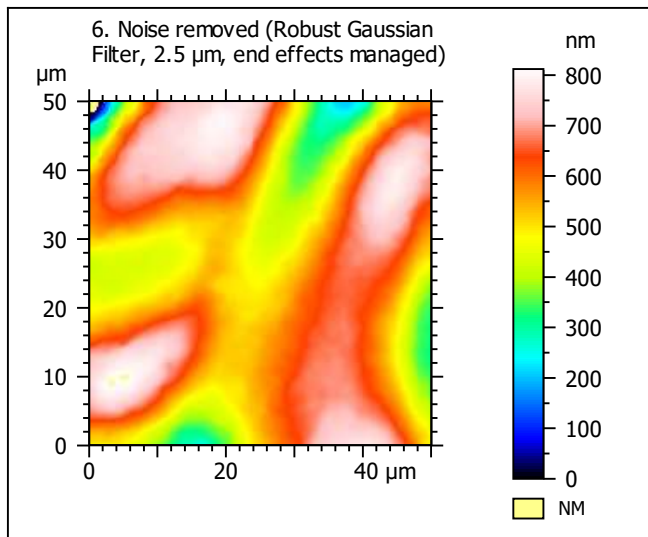
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-2-Point2a-50-1x-Area1		
File path:	D:\Data\Ant...\VSH4-2-Point2a-50-1x-Area1.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:	11489	nm	
Size:	18219	digits	
Spacing:	0.631	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-2-Point2a-50-1x-Area1 > Levelled (Leas...		
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:	812	nm	
Size:	1288	digits	
Spacing:	0.631	nm	
NMP ratio:	0.00 % (0 Pts)		

Analyses:

8. ISO 25178

9. Furrow

10. Texture isotropy and direction

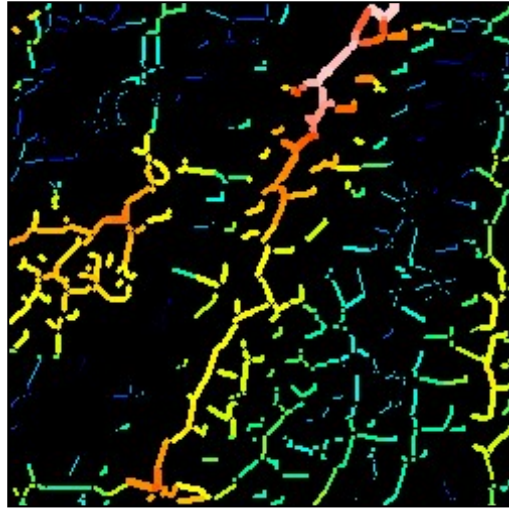
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	128	nm
Ssk	-0.401	
Sku	3.00	
Sp	237	nm
Sv	575	nm
Sz	812	nm
Sa	106	nm
Functional Parameters		
Smr	100	%
Smc	168	nm
Sxp	259	nm
Spatial Parameters		
Sal	5.22	μm
Str	0.517	
Std	39.0	$^{\circ}$
Hybrid Parameters		
Sdq	0.0341	
Sdr	0.0584	%
Functional Parameters (Volume)		
Vm	0.00261	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.171	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.00261	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.122	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.156	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0149	$\mu\text{m}^3/\mu\text{m}^2$

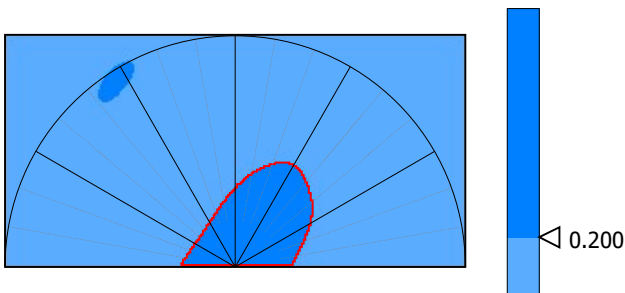
9. Furrow analysis surface #7



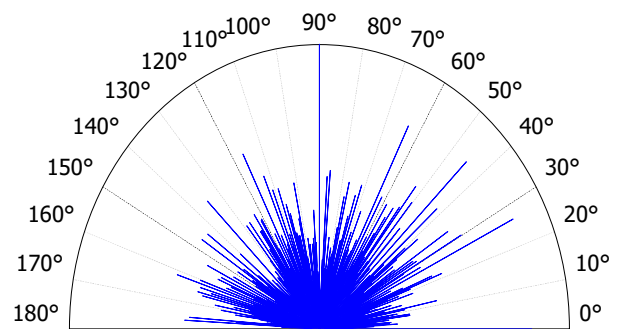
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	116	nm
Mean depth of furrows	52.0	nm
Mean density of furrows	2171	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	39.3	%
Periodicity	21.6	%
Period	23.8	μm
Direction of period	123	$^{\circ}$



Parameters	Value	Unit
Isotropy	51.7	%
First Direction	90.0	$^{\circ}$
Second Direction	26.5	$^{\circ}$
Third Direction	0.282	$^{\circ}$

