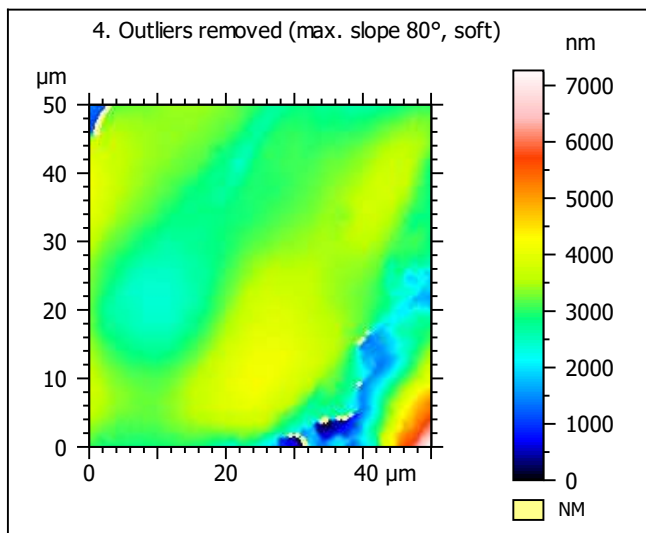
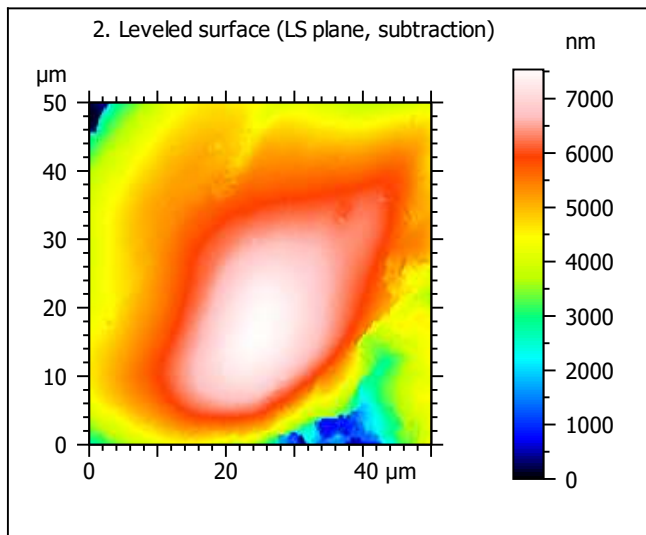
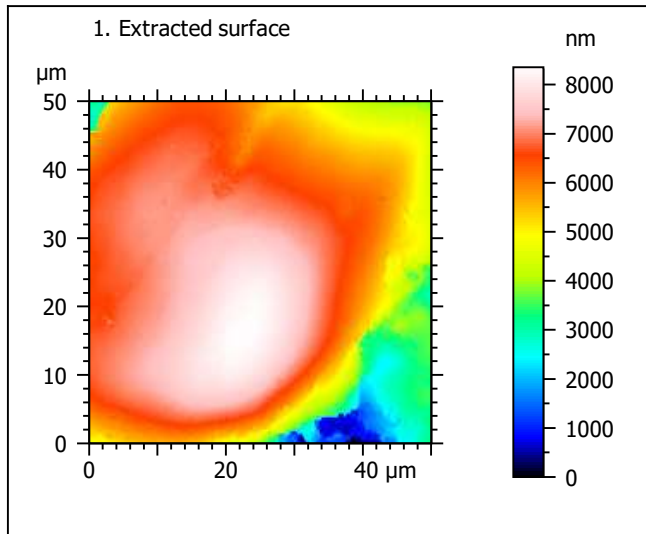
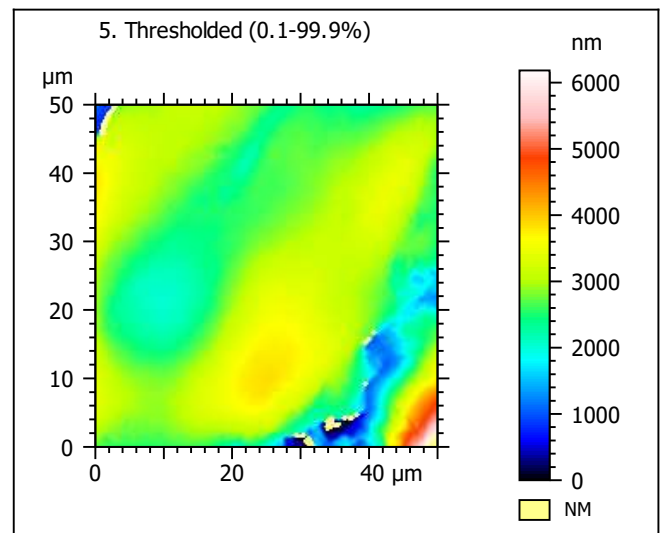
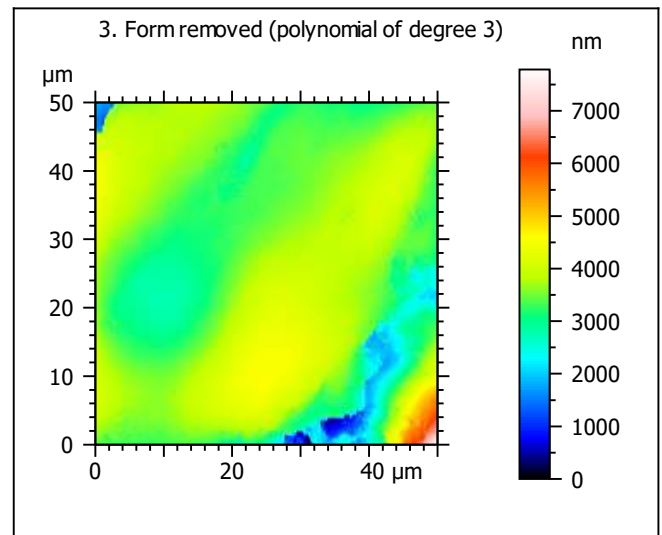


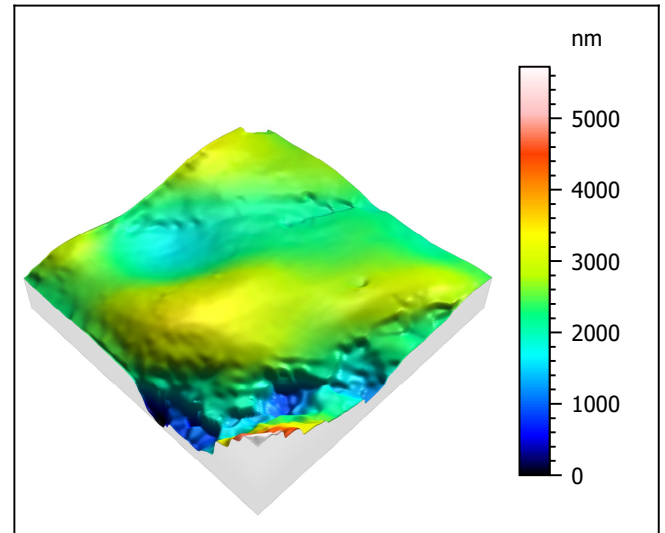
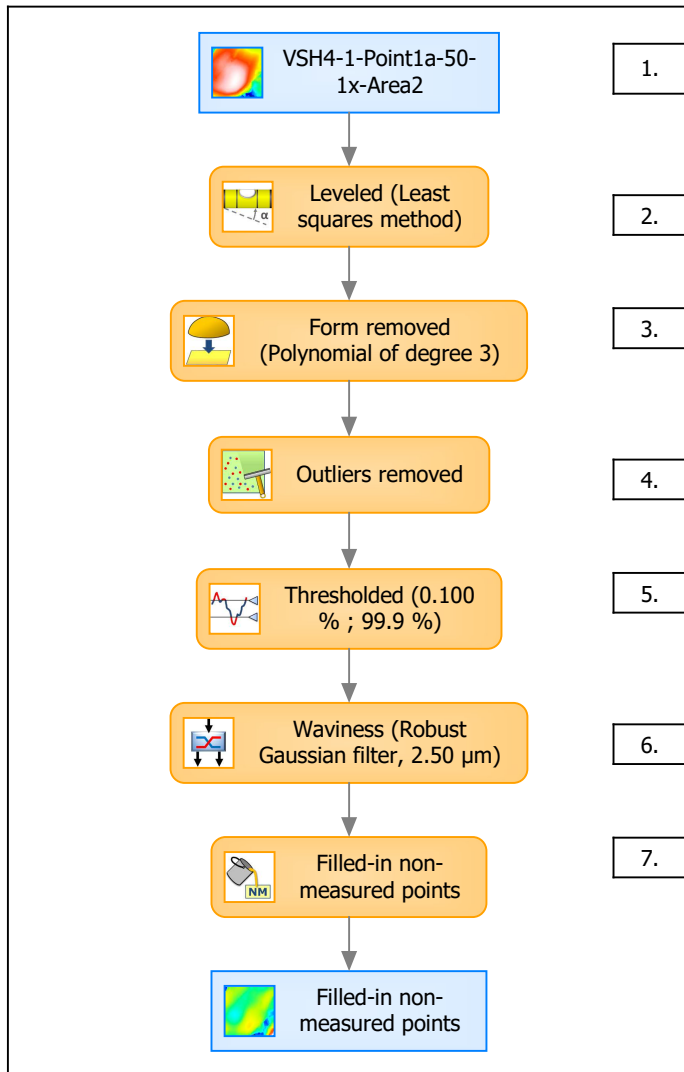
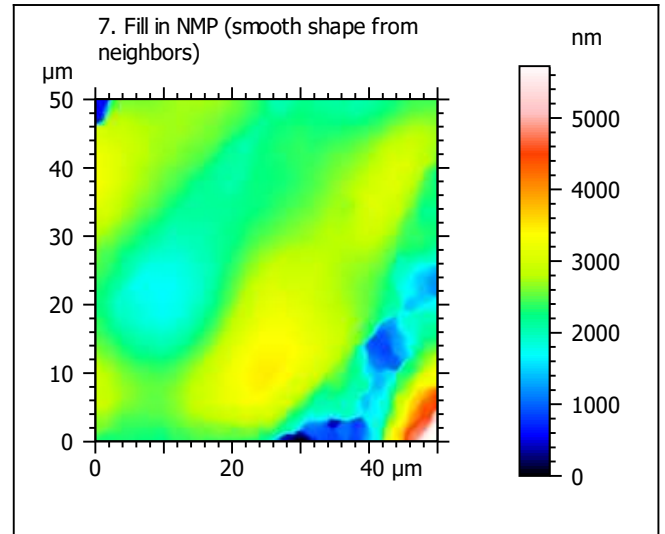
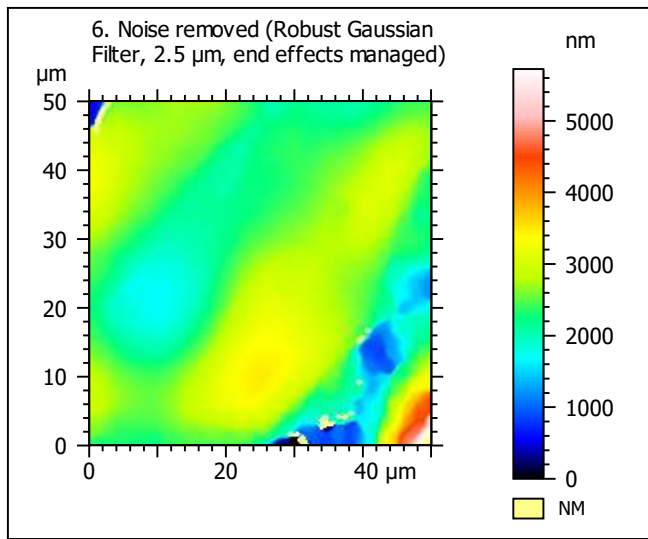
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-1-Point1a-50-1x-Area2		
File path:	D:\Data\Ant...\VSH4-1-Point1a-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:	8355	nm	
Size:	7602	digits	
Spacing:	1.10	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-1-Point1a-50-1x-Area2 > 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:	5724	nm	
Size:	5208	digits	
Spacing:	1.10	nm	
NMP ratio:	0.00 % (0 Pts)		

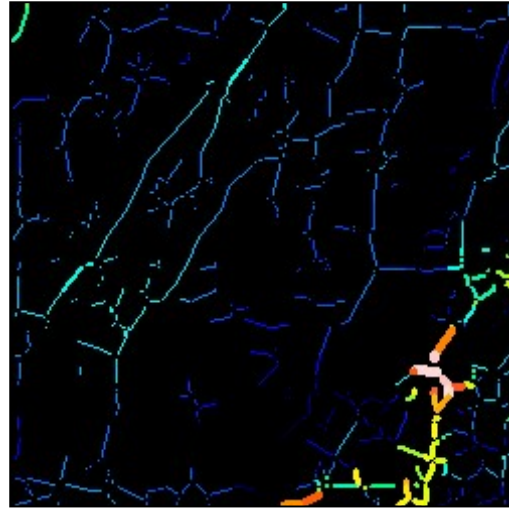
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	562	nm
Ssk	0.213	
Sku	7.23	
Sp	3232	nm
Sv	2492	nm
Sz	5724	nm
Sa	409	nm
Functional Parameters		
Smr	0.457	%
Smc	603	nm
Sxp	1300	nm
Spatial Parameters		
Sal	5.39	μm
Str	0.154	
Std	42.5	$^{\circ}$
Hybrid Parameters		
Sdq	0.253	
Sdr	2.27	%
Functional Parameters (Volume)		
Vm	0.0349	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.638	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0349	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.414	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.562	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0764	$\mu\text{m}^3/\mu\text{m}^2$

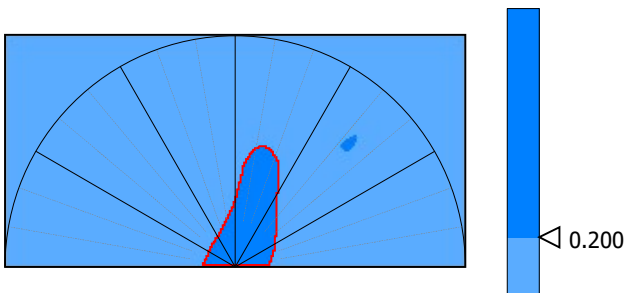
9. Furrow analysis surface #7



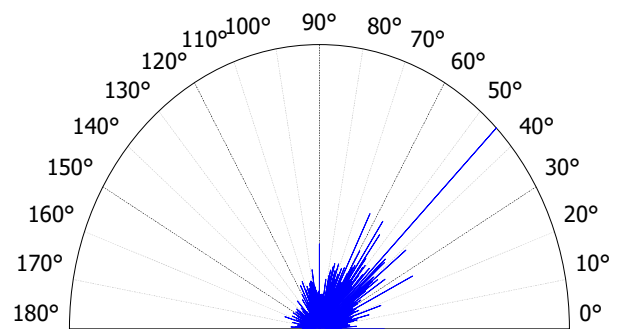
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	1119	nm
Mean depth of furrows	252	nm
Mean density of furrows	2150	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	24.1	%
Periodicity	20.5	%
Period	18.0	μm
Direction of period	47.6	$^{\circ}$



Parameters	Value	Unit
Isotropy	15.4	%
First Direction	45.0	$^{\circ}$
Second Direction	56.2	$^{\circ}$
Third Direction	63.5	$^{\circ}$

