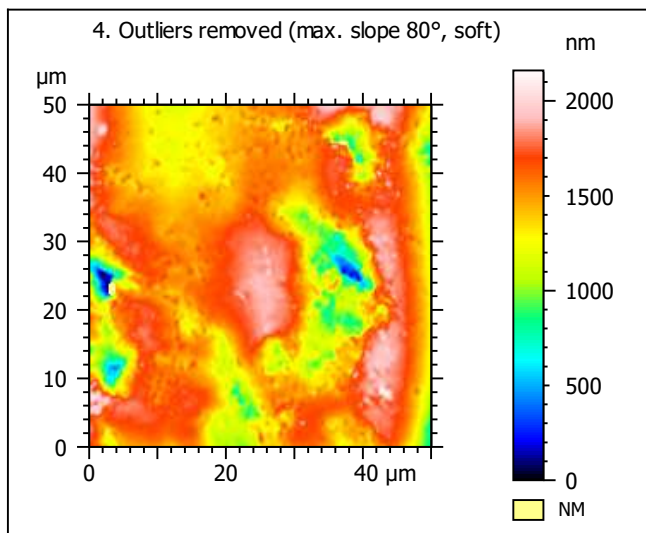
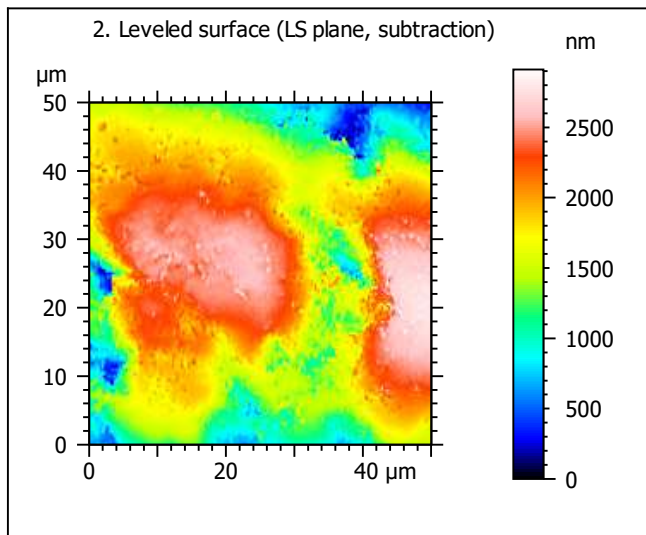
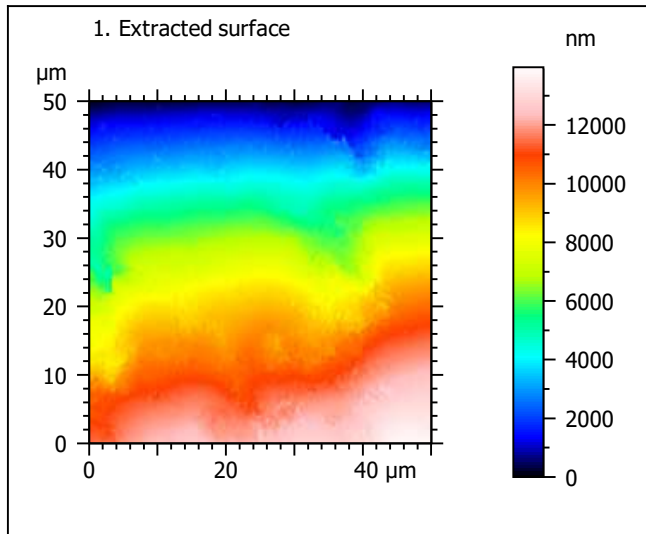
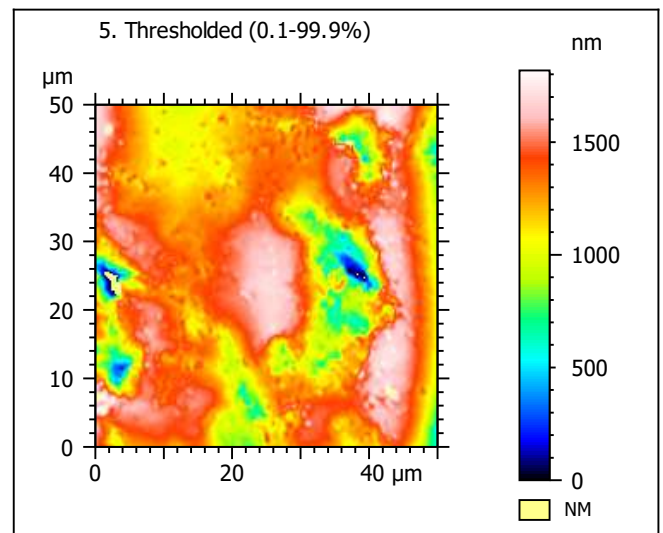
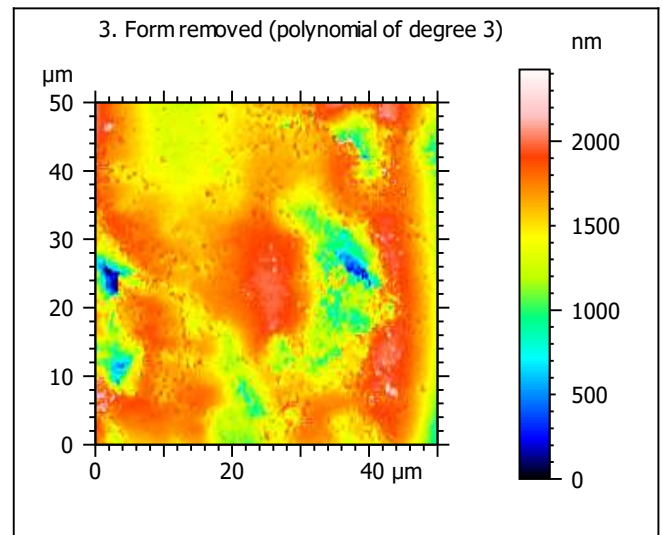


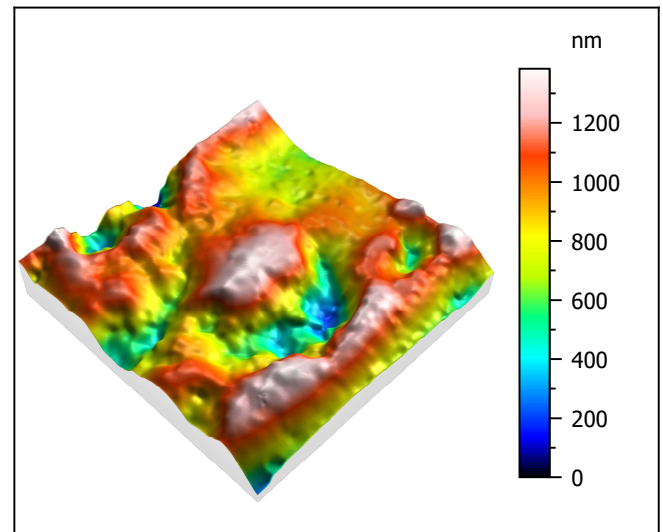
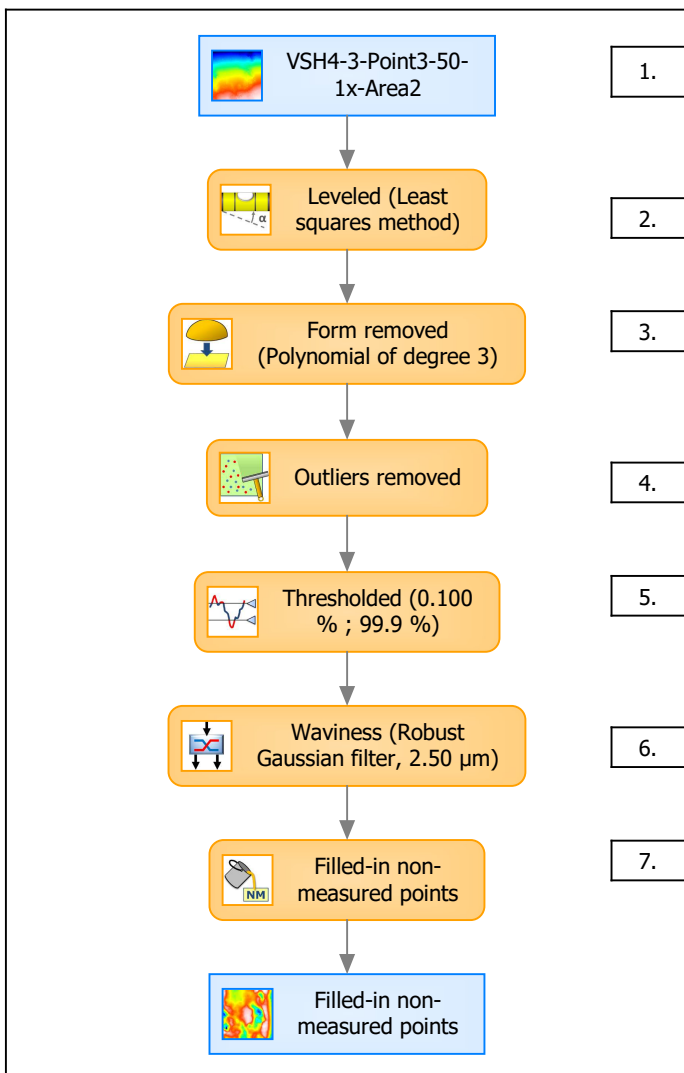
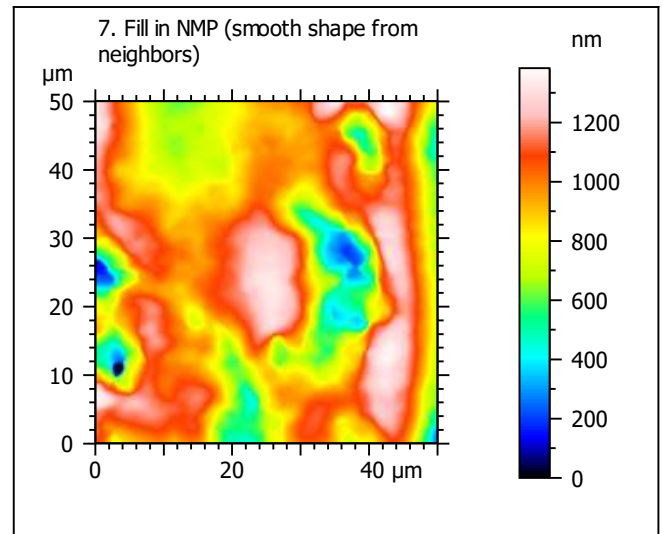
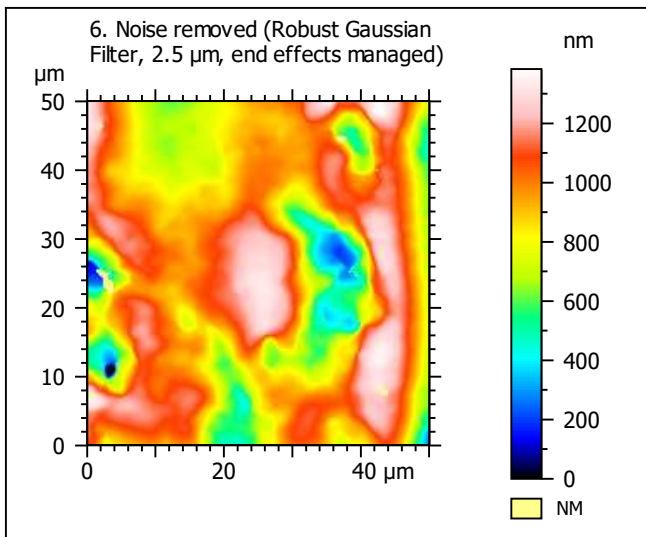
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-3-Point3-50-1x-Area2		
File path:	D:\Data\Anto...\VSH4-3-Point3-50-1x-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:	13970	nm	
Size:	11913	digits	
Spacing:	1.17	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-3-Point3-50-1x-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:	1384	nm	
Size:	1180	digits	
Spacing:	1.17	nm	
NMP ratio:	0.00 % (0 Pts)		

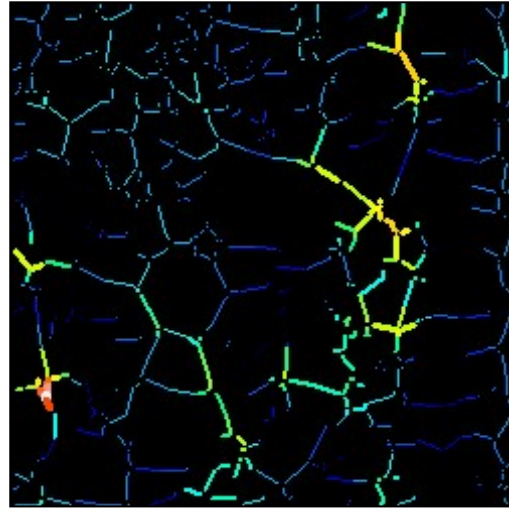
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	227	nm
Ssk	-0.596	
Sku	3.14	
Sp	459	nm
Sv	925	nm
Sz	1384	nm
Sa	182	nm
Functional Parameters		
Smr	98.0	%
Smc	271	nm
Sxp	541	nm
Spatial Parameters		
Sal	4.05	μm
Str	0.354	
Std	141	$^{\circ}$
Hybrid Parameters		
Sdq	0.115	
Sdr	0.644	%
Functional Parameters (Volume)		
Vm	0.0067	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.277	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0067	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.217	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.247	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0309	$\mu\text{m}^3/\mu\text{m}^2$

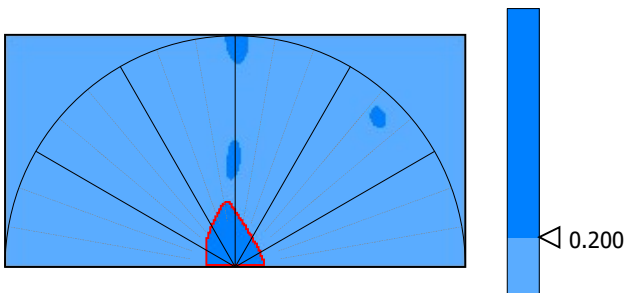
9. Furrow analysis surface #7



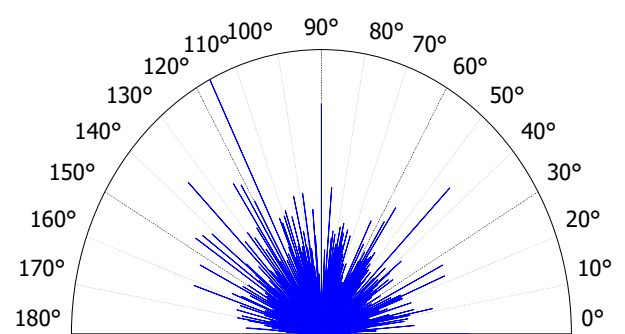
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	917	nm
Mean depth of furrows	222	nm
Mean density of furrows	2342	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	40.7	%
Periodicity	24.8	%
Period	25.1	μm
Direction of period	90.0	$^{\circ}$



Parameters	Value	Unit
Isotropy	35.4	%
First Direction	116	$^{\circ}$
Second Direction	90.0	$^{\circ}$
Third Direction	135	$^{\circ}$

