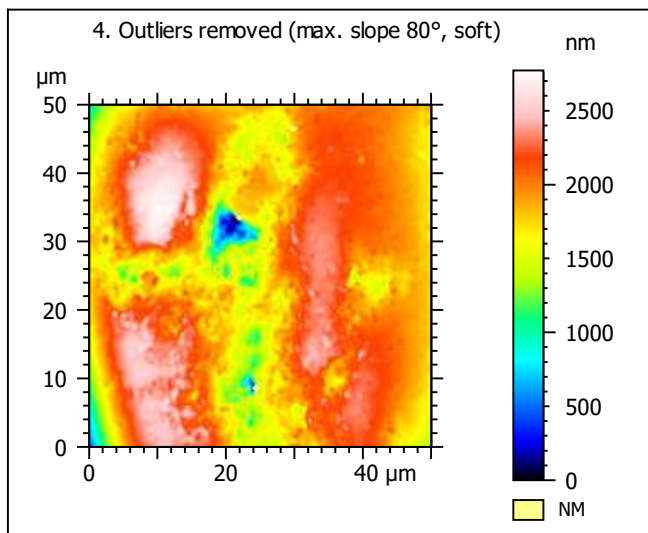
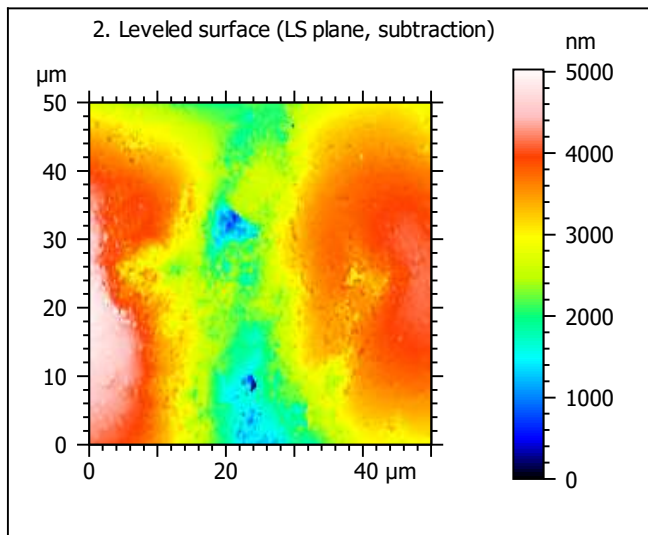
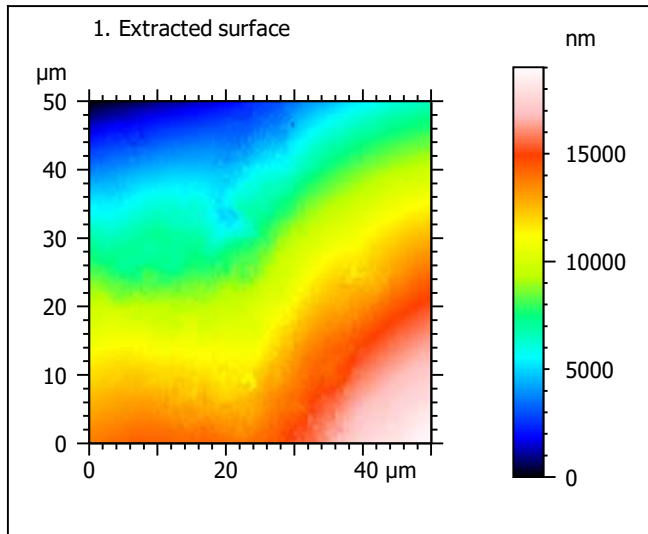
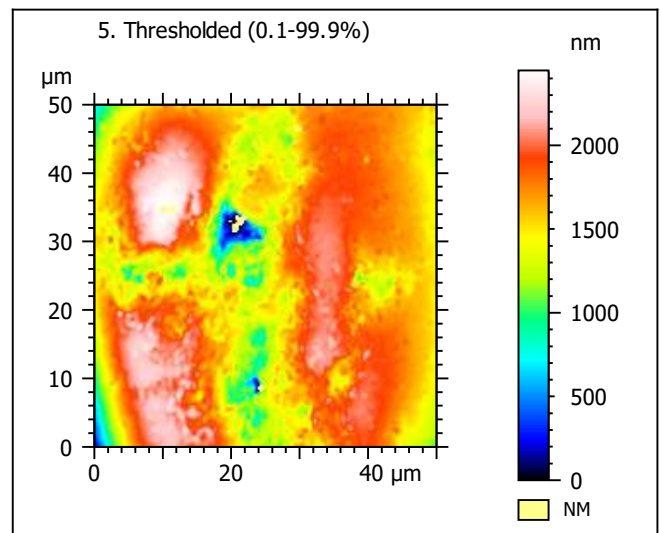
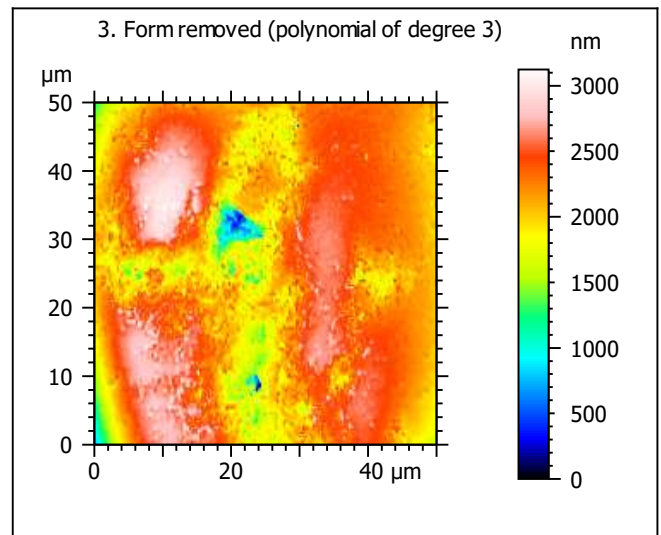


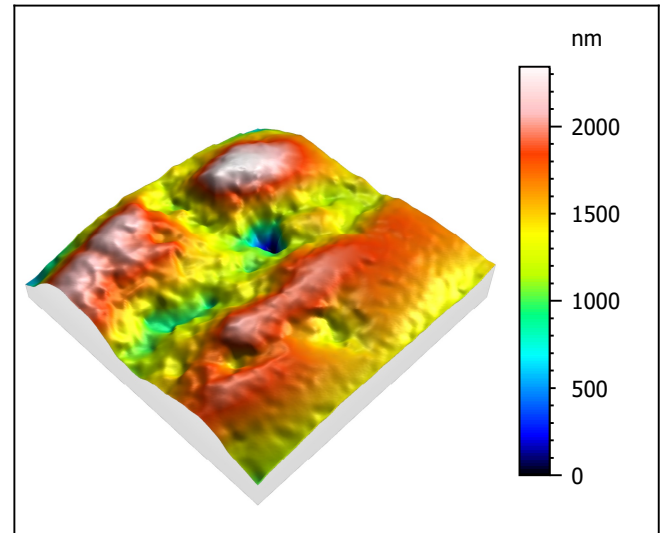
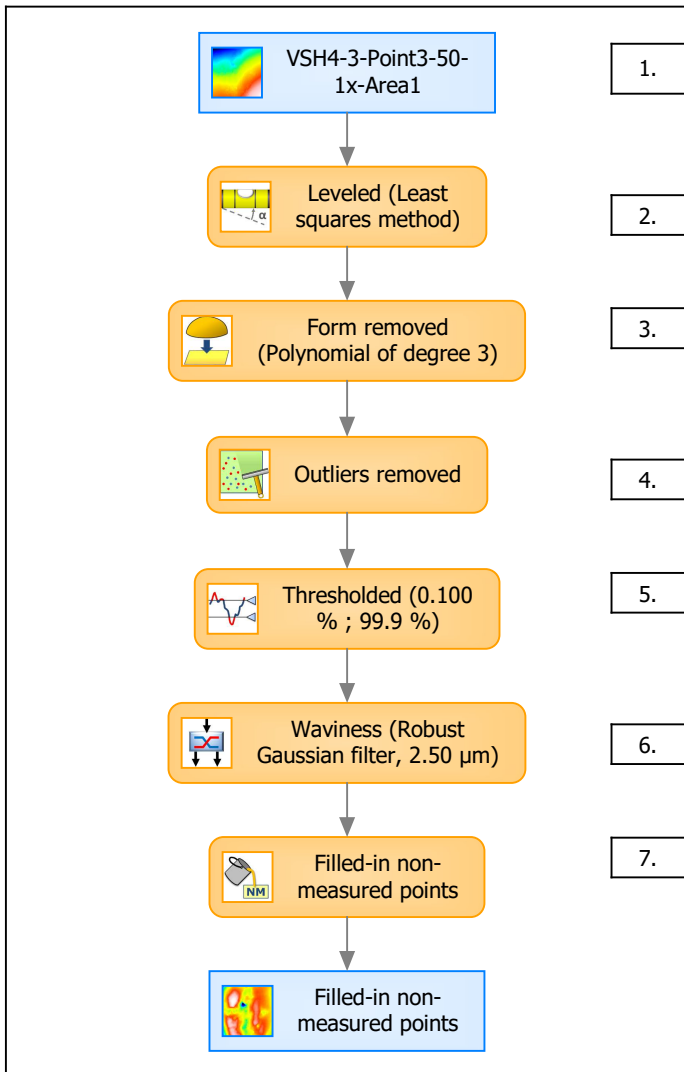
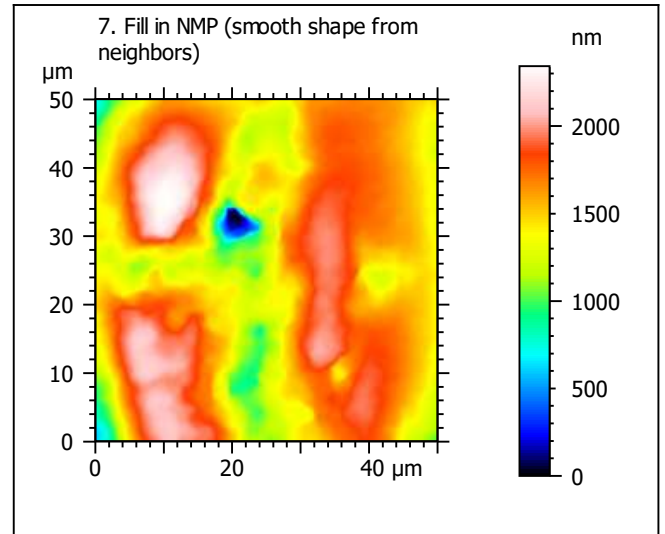
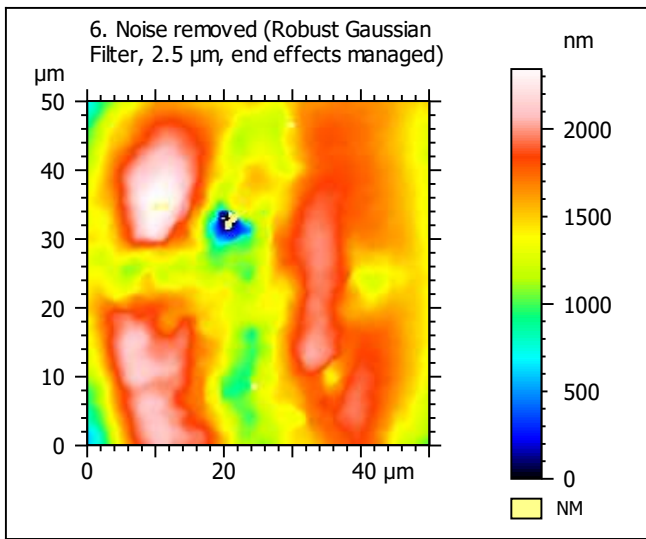
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-3-Point3-50-1x-Area1		
File path:	D:\Data\Anto...\VSH4-3-Point3-50-1x-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:	19015	nm	
Size:	16215	digits	
Spacing:	1.17	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-3-Point3-50-1x-Area1 > 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:	2343	nm	
Size:	1998	digits	
Spacing:	1.17	nm	
NMP ratio:	0.00 % (0 Pts)		

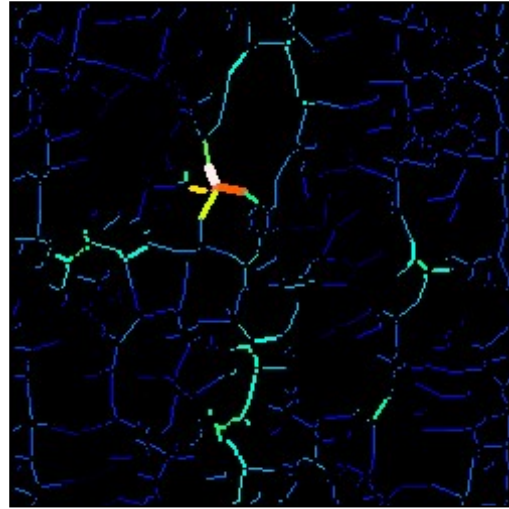
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	315	nm
Ssk	-0.467	
Sku	4.10	
Sp	766	nm
Sv	1577	nm
Sz	2343	nm
Sa	252	nm
Functional Parameters		
Smr	78.5	%
Smc	386	nm
Sxp	622	nm
Spatial Parameters		
Sal	5.53	μm
Str	0.217	
Std	148	$^{\circ}$
Hybrid Parameters		
Sdq	0.127	
Sdr	0.763	%
Functional Parameters (Volume)		
Vm	0.0122	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.398	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0122	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.275	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.360	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0388	$\mu\text{m}^3/\mu\text{m}^2$

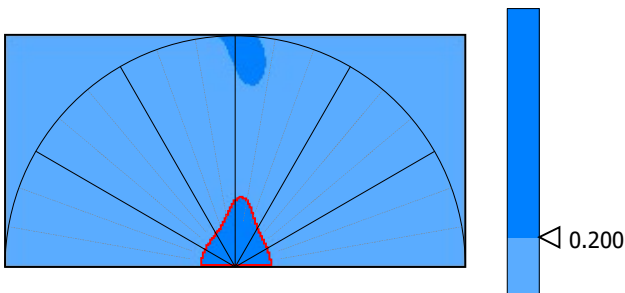
9. Furrow analysis surface #7



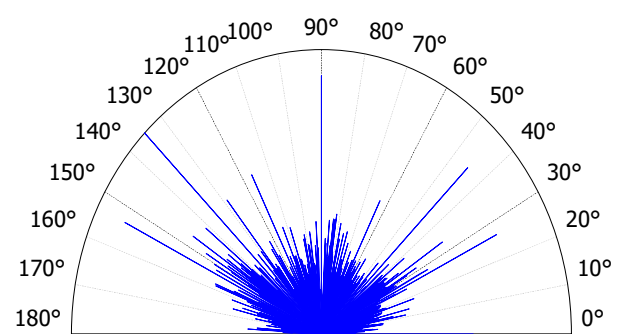
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	1212	nm
Mean depth of furrows	190	nm
Mean density of furrows	2484	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	49.5	%
Periodicity	24.3	%
Period	23.0	μm
Direction of period	86.6	$^{\circ}$



Parameters	Value	Unit
Isotropy	21.7	%
First Direction	135	$^{\circ}$
Second Direction	90.0	$^{\circ}$
Third Direction	154	$^{\circ}$

