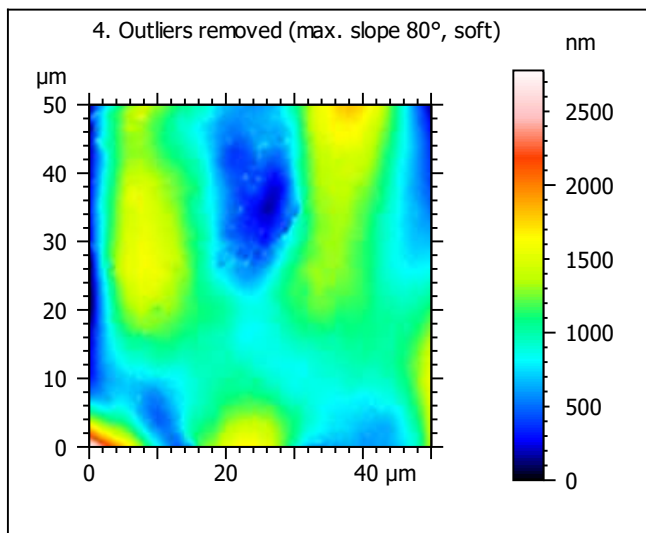
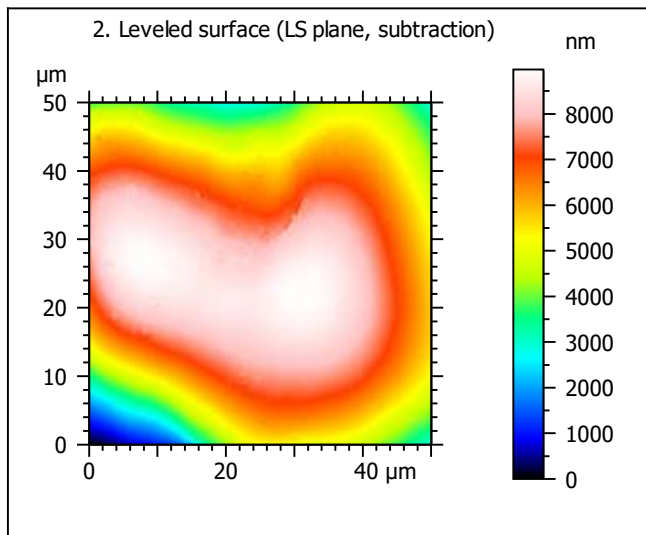
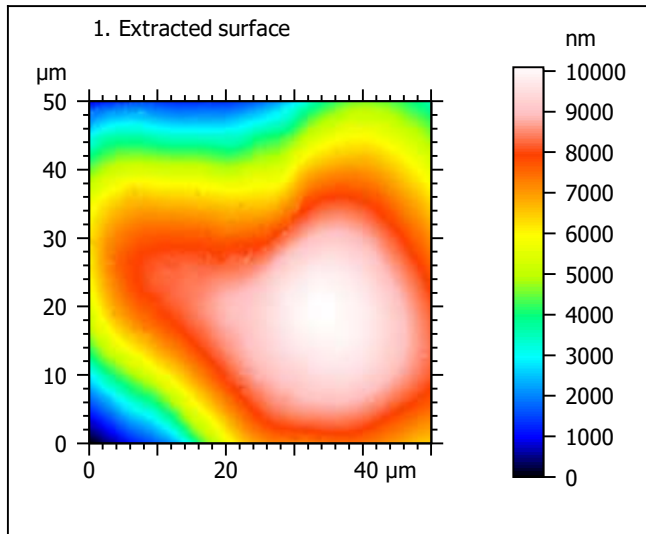
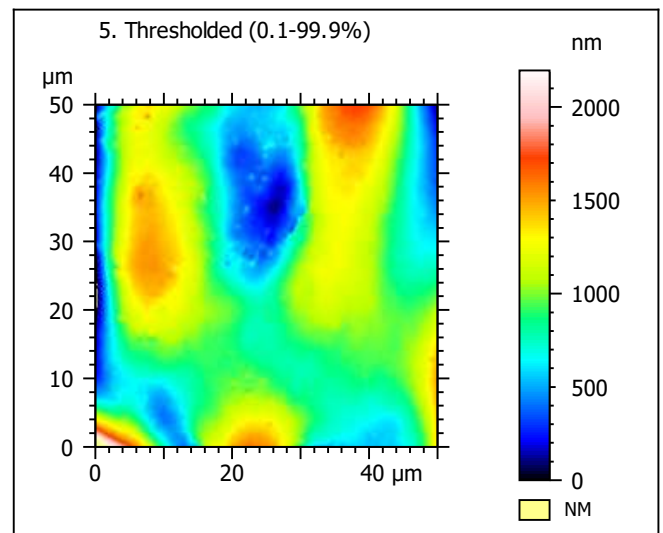
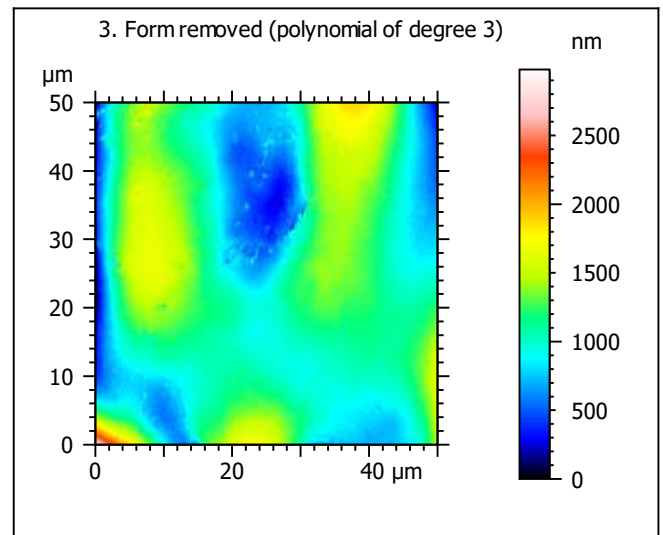


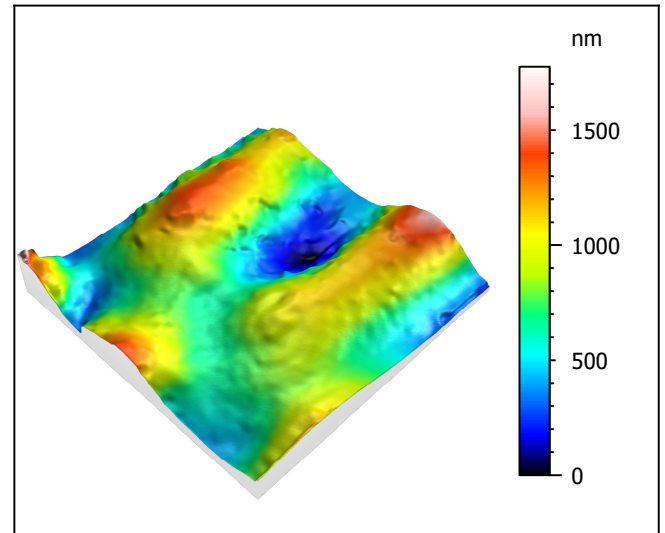
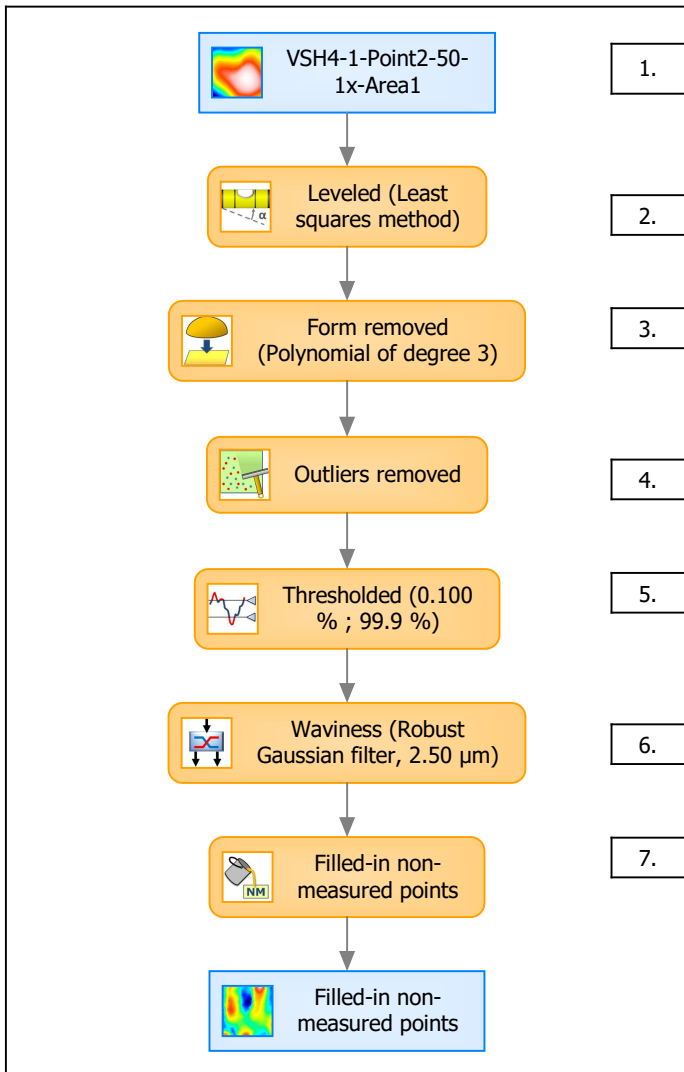
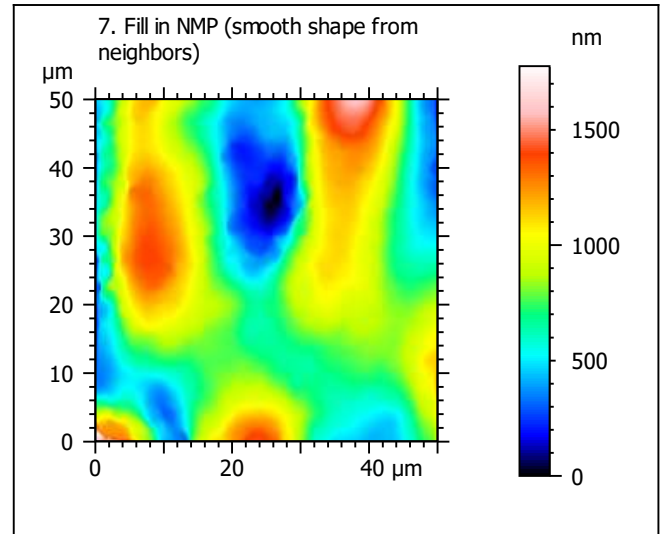
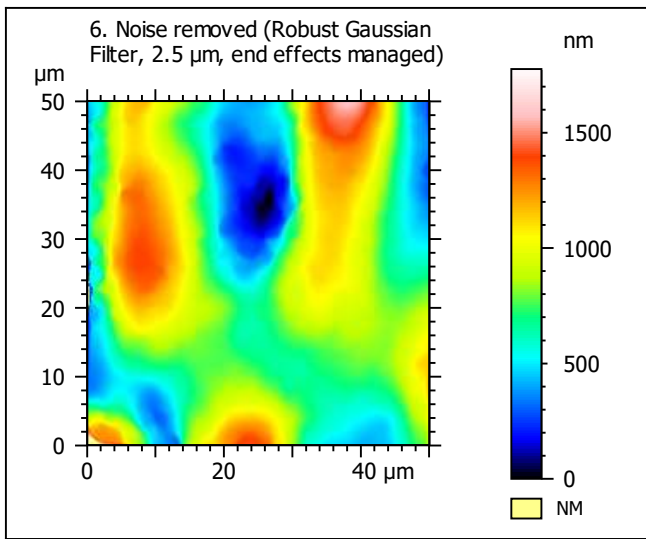
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-1-Point2-50-1x-Area1		
File path:	D:\Data\Anto...\VSH4-1-Point2-50-1x-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:	10093	nm	
Size:	9503	digits	
Spacing:	1.06	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-1-Point2-50-1x-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:	1776	nm	
Size:	1672	digits	
Spacing:	1.06	nm	
NMP ratio:	0.00 % (0 Pts)		

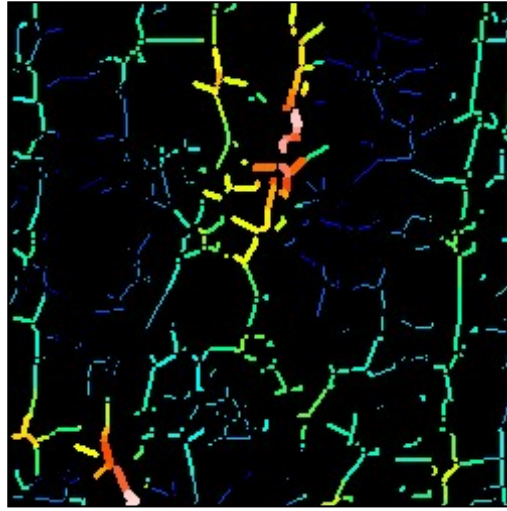
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	296	nm
Ssk	-0.0209	
Sku	2.59	
Sp	980	nm
Sv	796	nm
Sz	1776	nm
Sa	238	nm
Functional Parameters		
Smr	52.8	%
Smc	388	nm
Sxp	573	nm
Spatial Parameters		
Sal	5.55	μm
Str	0.432	
Std	54.2	$^{\circ}$
Hybrid Parameters		
Sdq	0.101	
Sdr	0.488	%
Functional Parameters (Volume)		
Vm	0.0122	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.400	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0122	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.285	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.369	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0314	$\mu\text{m}^3/\mu\text{m}^2$

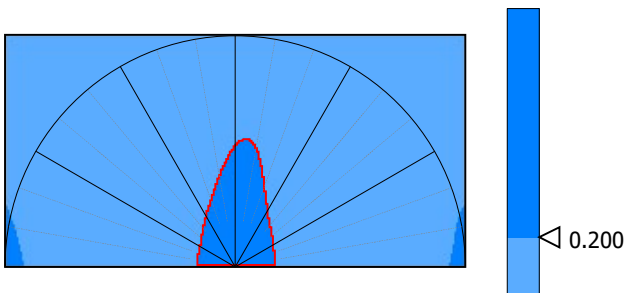
9. Furrow analysis surface #7



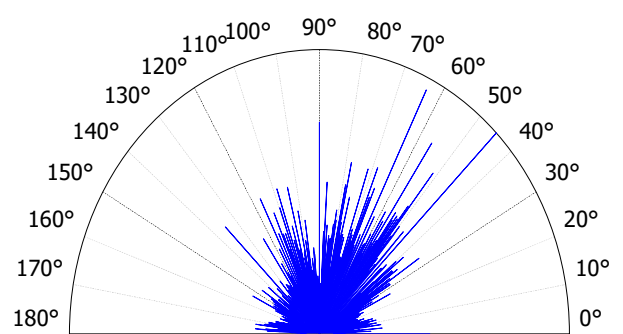
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	429	nm
Mean depth of furrows	147	nm
Mean density of furrows	2063	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	30.5	%
Periodicity	30.0	%
Period	25.1	μm
Direction of period	180	$^{\circ}$



Parameters	Value	Unit
Isotropy	43.2	%
First Direction	45.0	$^{\circ}$
Second Direction	63.5	$^{\circ}$
Third Direction	56.2	$^{\circ}$

