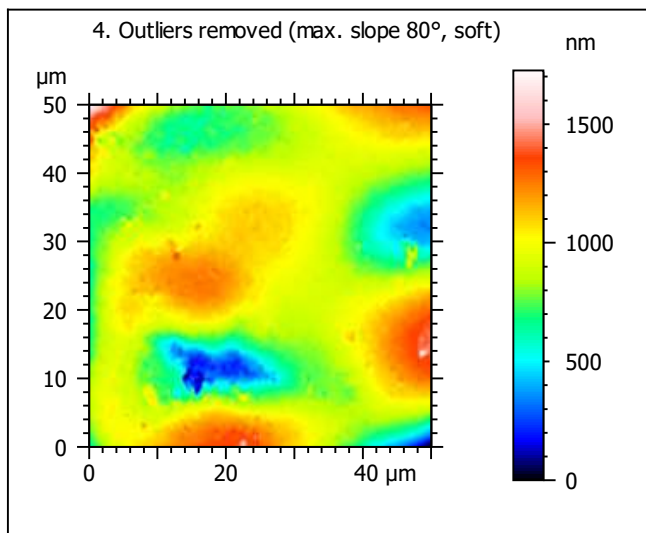
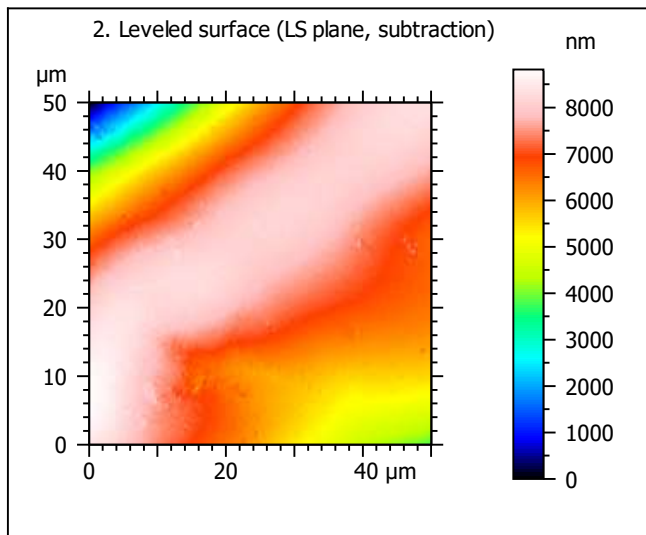
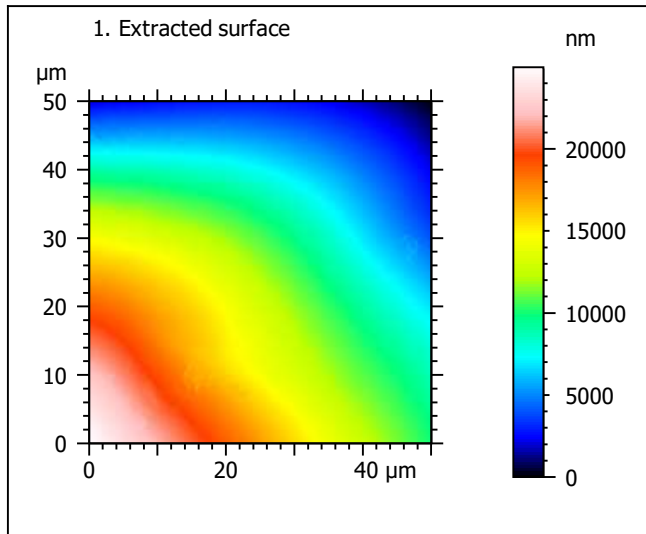
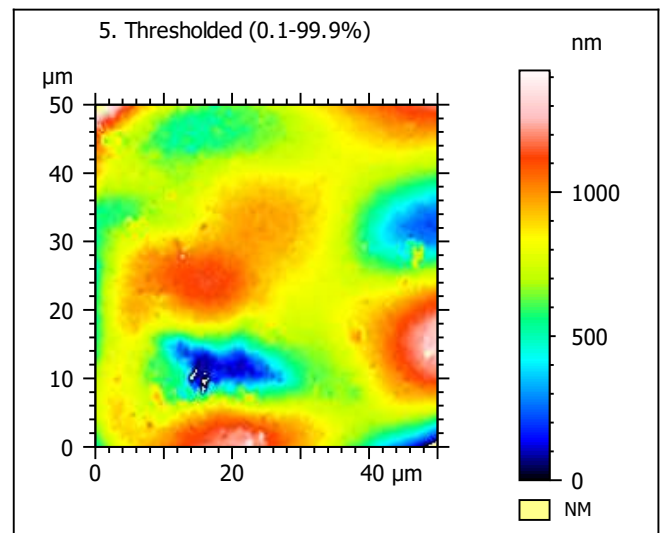
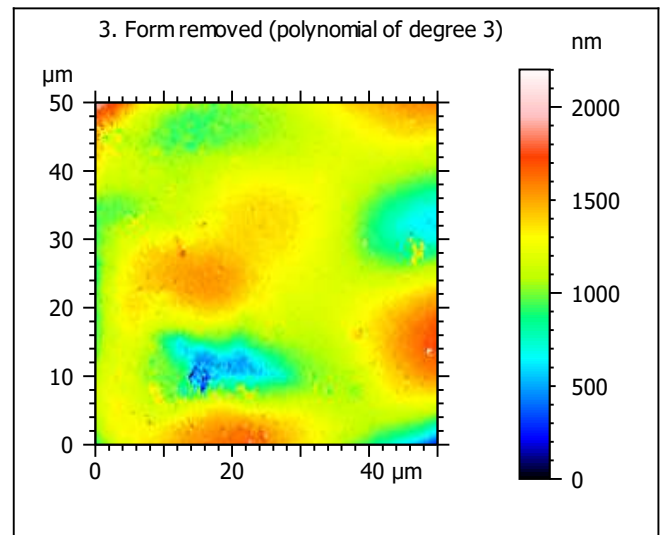


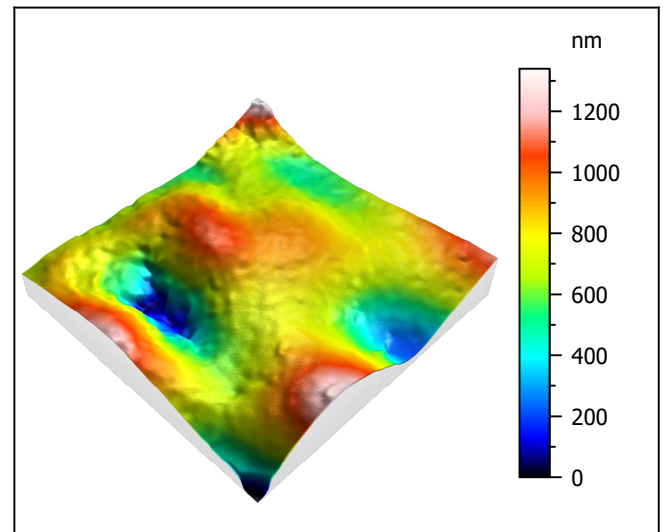
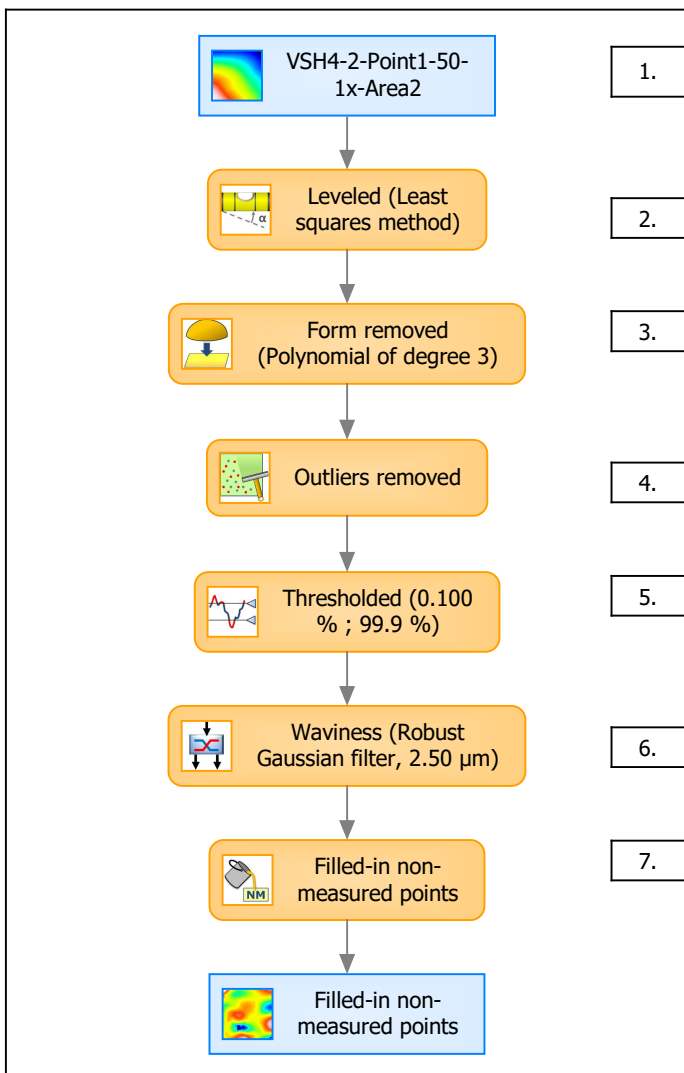
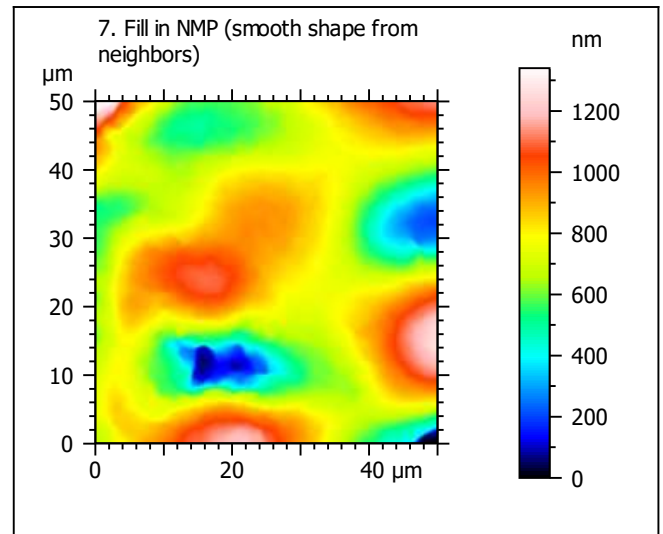
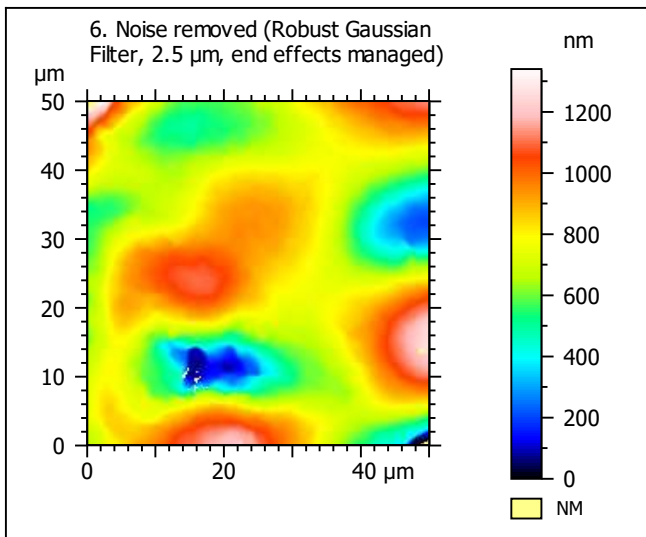
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-2-Point1-50-1x-Area2		
File path:	D:\Data\Anto...\VSH4-2-Point1-50-1x-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:	24983	nm	
Size:	14748	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-2-Point1-50-1x-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:	1340	nm	
Size:	791	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		

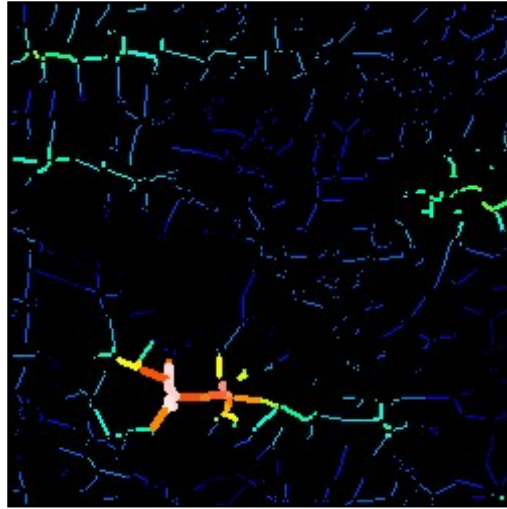
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	203	nm
Ssk	-0.474	
Sku	3.81	
Sp	593	nm
Sv	747	nm
Sz	1340	nm
Sa	155	nm
Functional Parameters		
Smr	95.9	%
Smc	251	nm
Sxp	507	nm
Spatial Parameters		
Sal	5.36	μm
Str	0.455	
Std	163	$^{\circ}$
Hybrid Parameters		
Sdq	0.0646	
Sdr	0.204	%
Functional Parameters (Volume)		
Vm	0.00849	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.260	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.00849	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.166	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.231	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0299	$\mu\text{m}^3/\mu\text{m}^2$

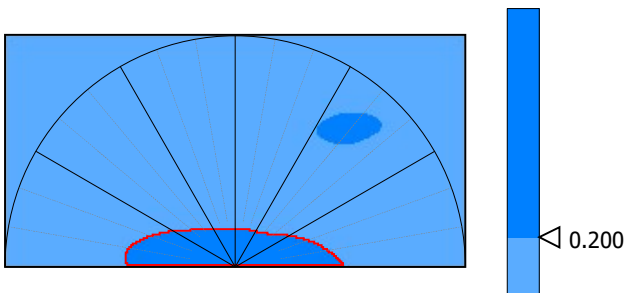
9. Furrow analysis surface #7



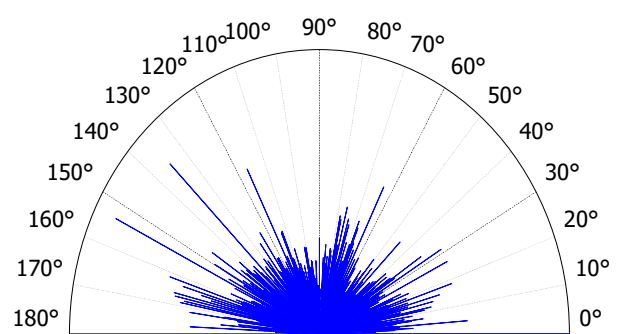
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	398	nm
Mean depth of furrows	80.4	nm
Mean density of furrows	2093	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	33.3	%
Periodicity	23.7	%
Period	19.1	μm
Direction of period	51.2	$^{\circ}$



Parameters	Value	Unit
Isotropy	45.5	%
First Direction	0.199	$^{\circ}$
Second Direction	154	$^{\circ}$
Third Direction	135	$^{\circ}$

