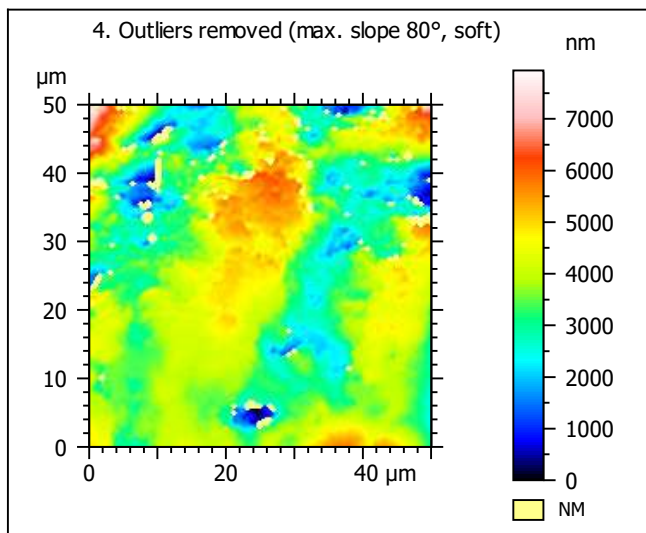
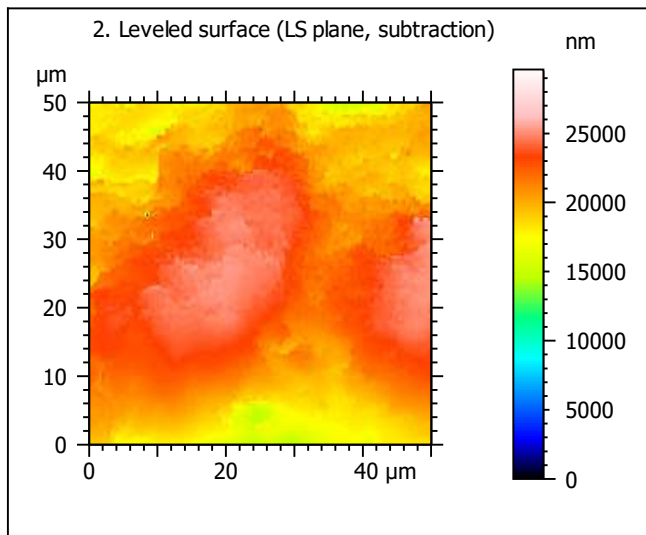
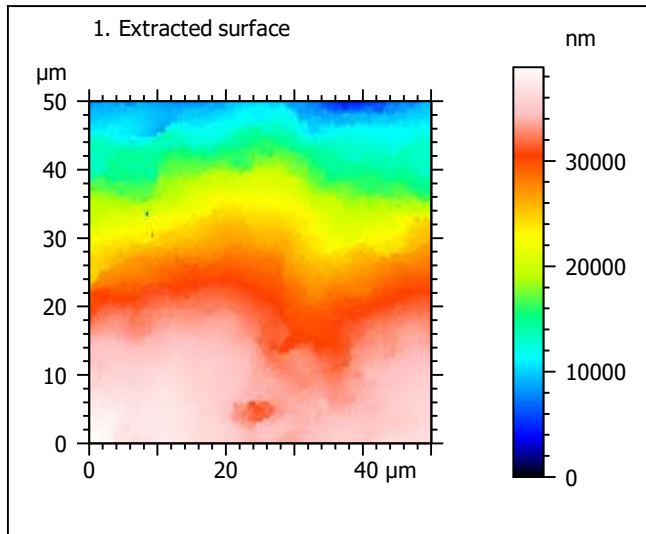
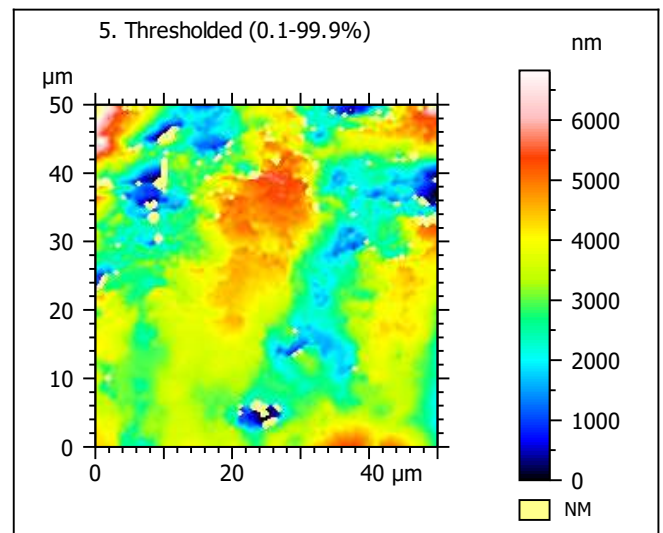
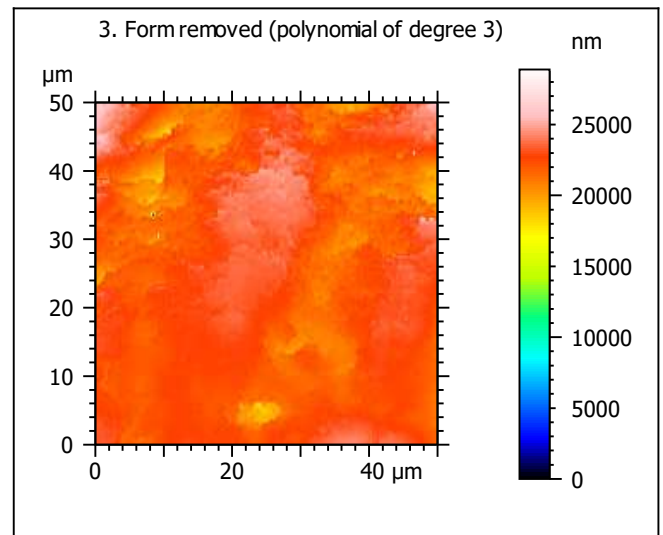


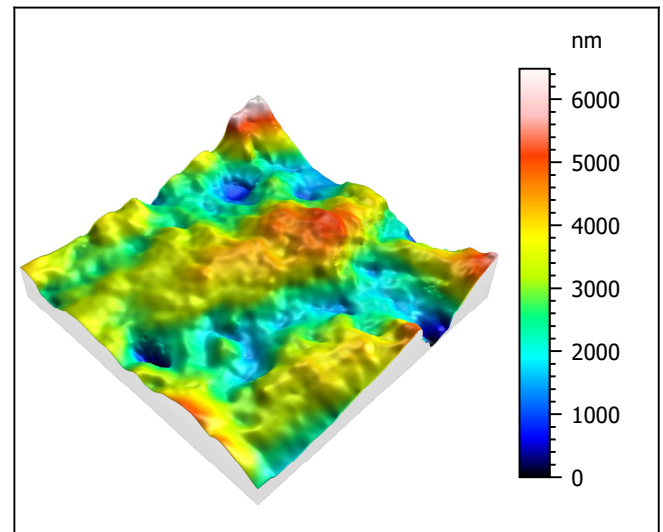
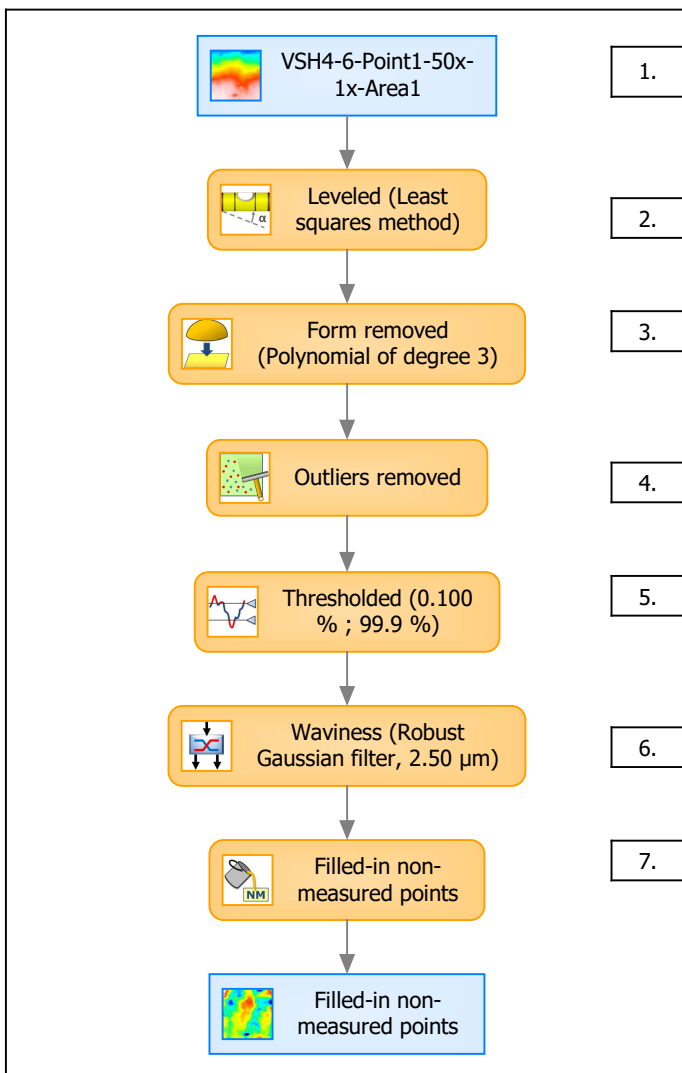
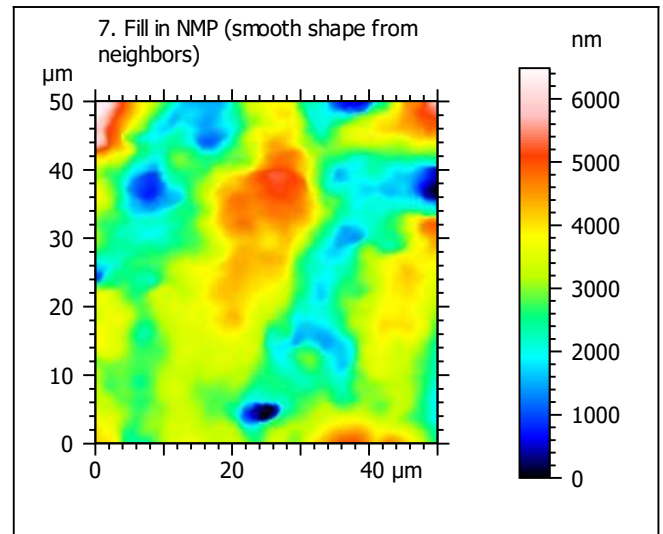
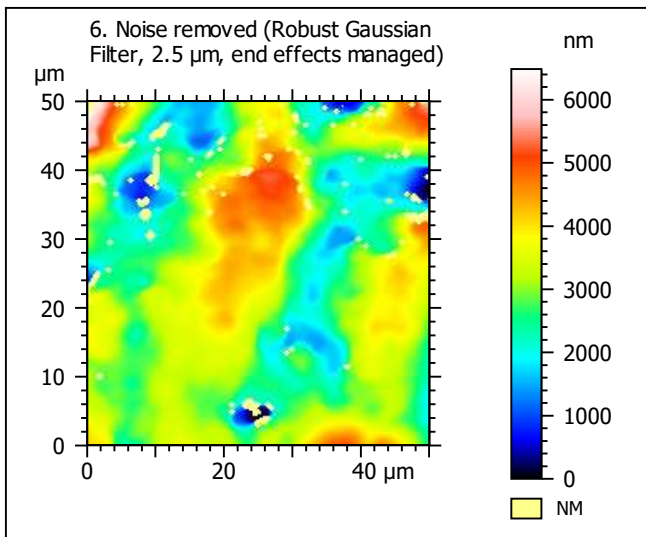
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-6-Point1-50x-1x-Area1		
File path:	D:\Data\Ant...\VSH4-6-Point1-50x-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:	38892	nm	
Size:	25049	digits	
Spacing:	1.55	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-6-Point1-50x-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:	6485	nm	
Size:	4177	digits	
Spacing:	1.55	nm	
NMP ratio:	0.00 % (0 Pts)		

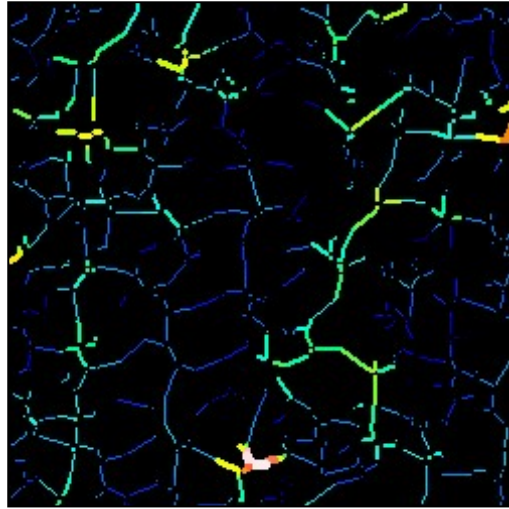
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	919	nm
Ssk	0.0918	
Sku	3.31	
Sp	3436	nm
Sv	3049	nm
Sz	6485	nm
Sa	727	nm
Functional Parameters		
Smr	0.661	%
Smc	1171	nm
Sxp	1685	nm
Spatial Parameters		
Sal	5.67	μm
Str	0.379	
Std	94.0	$^{\circ}$
Hybrid Parameters		
Sdq	0.417	
Sdr	6.99	%
Functional Parameters (Volume)		
Vm	0.0481	$\mu\text{m}^3/\mu\text{m}^2$
Vv	1.22	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0481	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.817	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	1.12	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0995	$\mu\text{m}^3/\mu\text{m}^2$

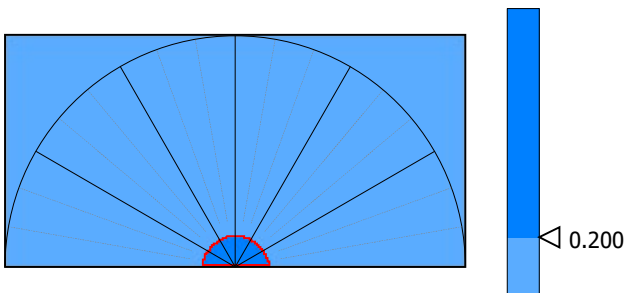
9. Furrow analysis surface #7



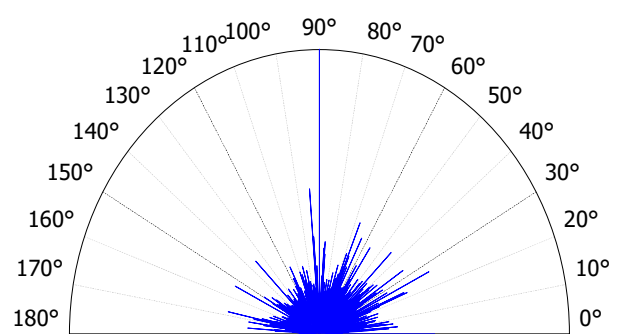
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	2742	nm
Mean depth of furrows	641	nm
Mean density of furrows	2521	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	86.2	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	$^{\circ}$



Parameters	Value	Unit
Isotropy	37.9	%
First Direction	90.0	$^{\circ}$
Second Direction	26.5	$^{\circ}$
Third Direction	0.236	$^{\circ}$

