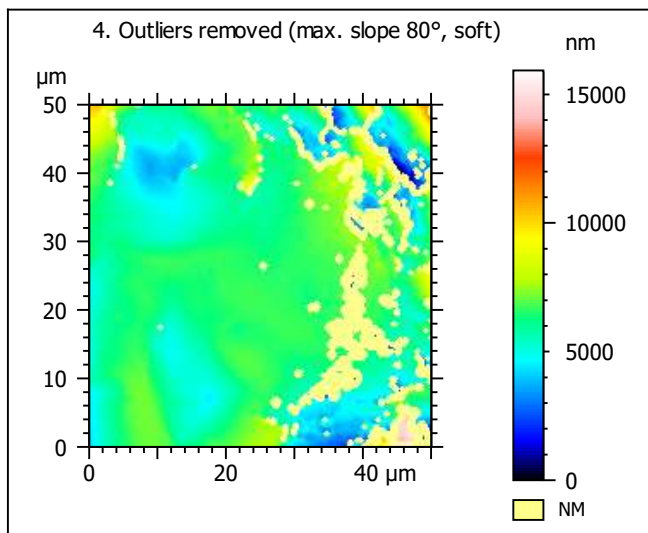
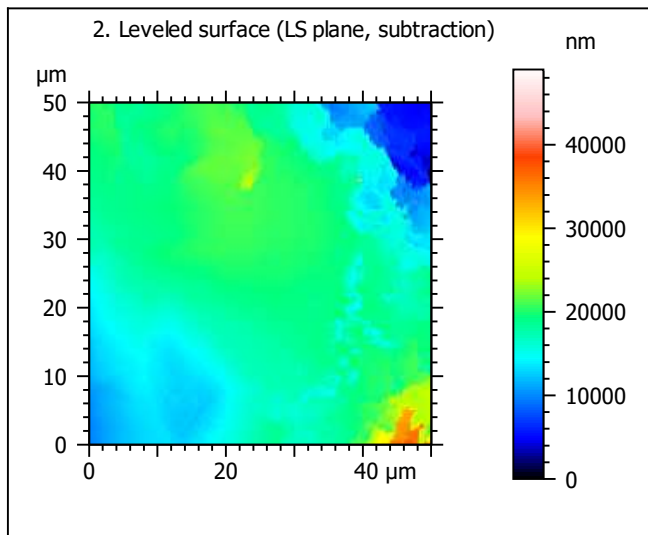
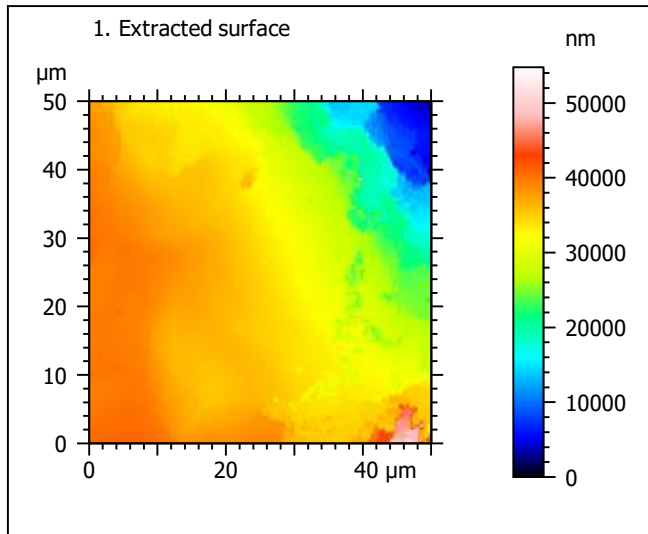
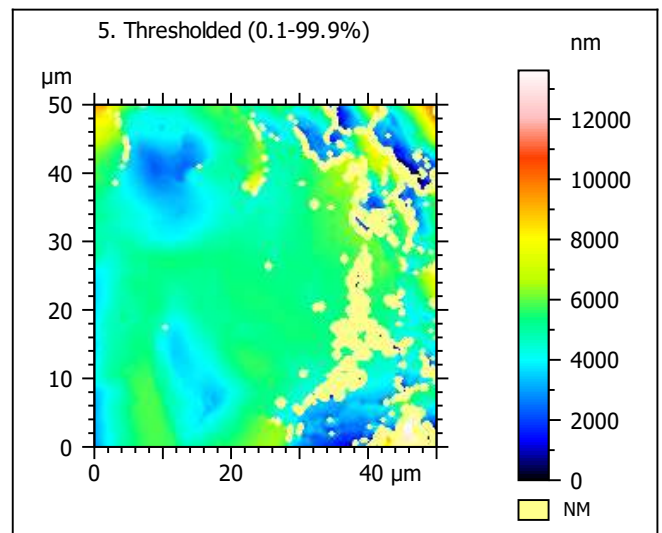
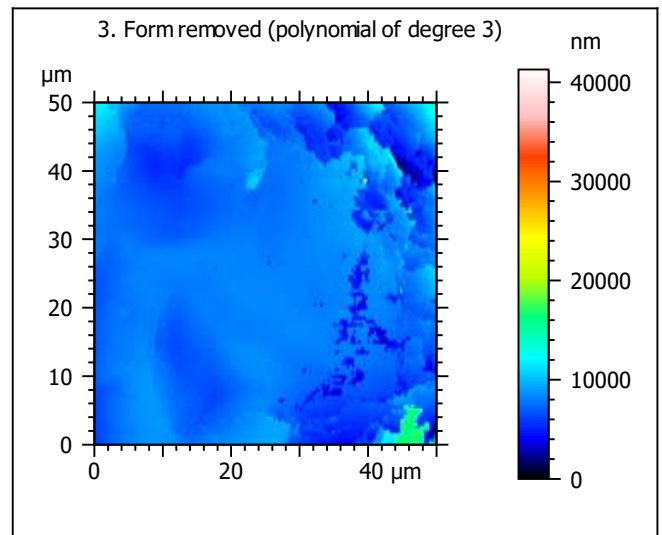


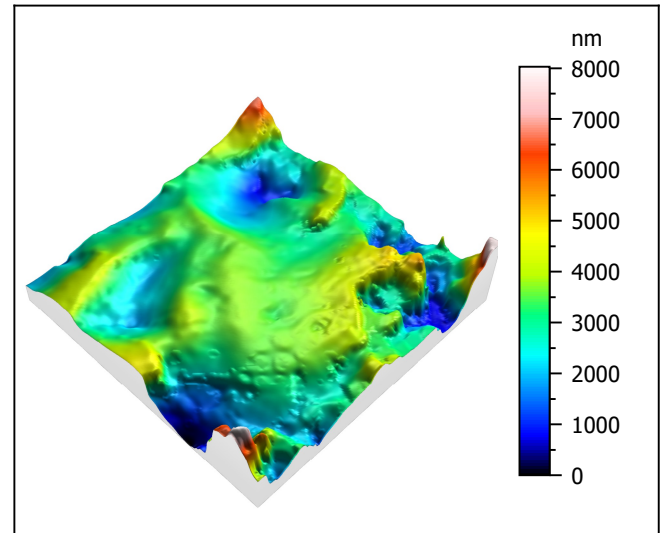
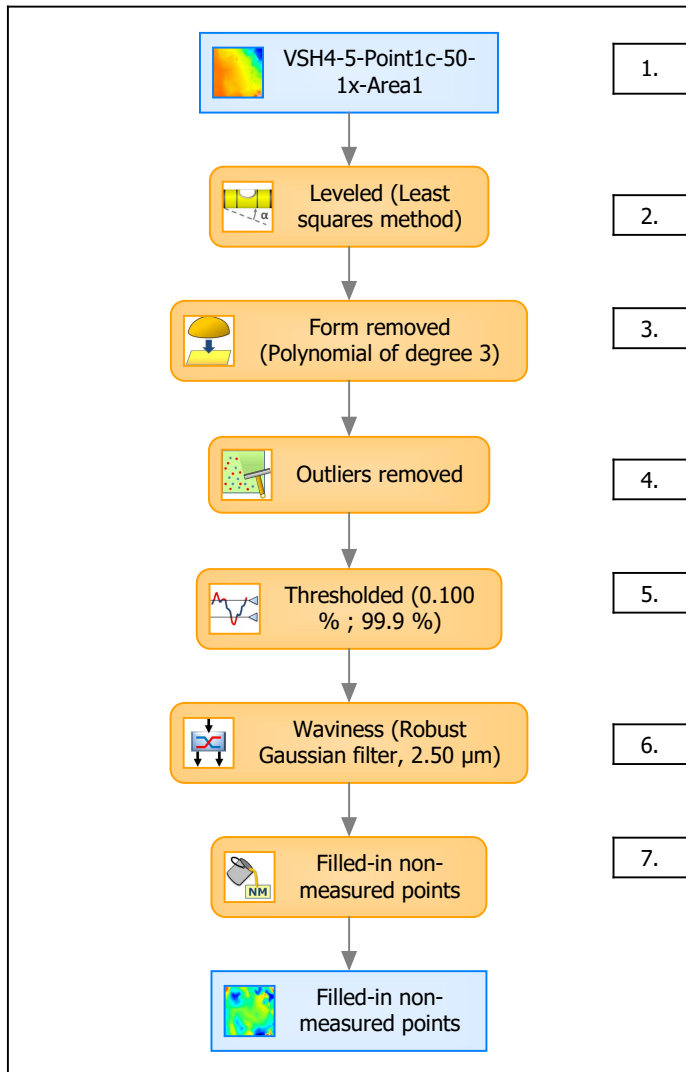
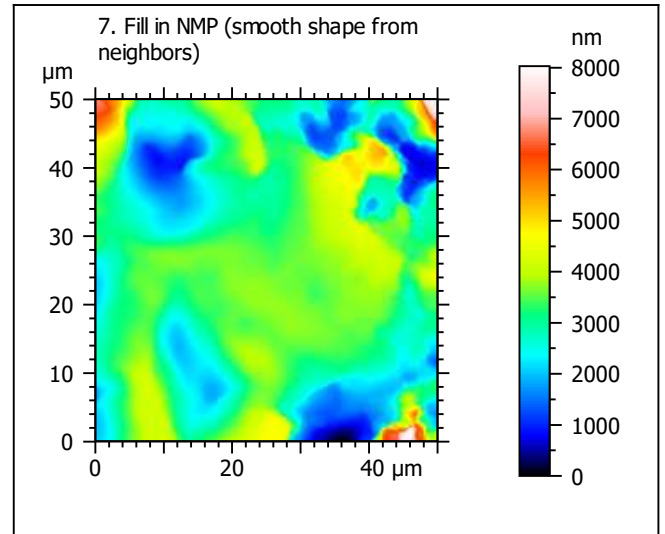
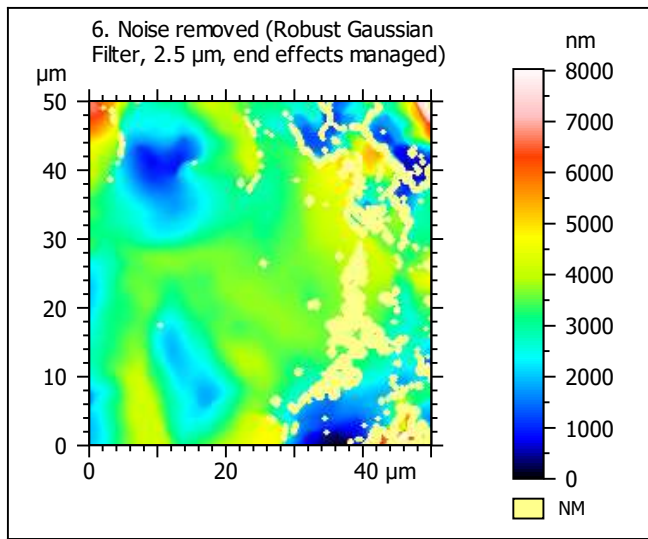
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-5-Point1c-50-1x-Area1		
File path:	D:\Data\Ant...\VSH4-5-Point1c-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:	54774	nm	
Size:	30353	digits	
Spacing:	1.80	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-5-Point1c-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:	8029	nm	
Size:	4449	digits	
Spacing:	1.80	nm	
NMP ratio:	0.00 % (0 Pts)		

Analyses:

8. ISO 25178

9. Furrow

10. Texture isotropy and direction

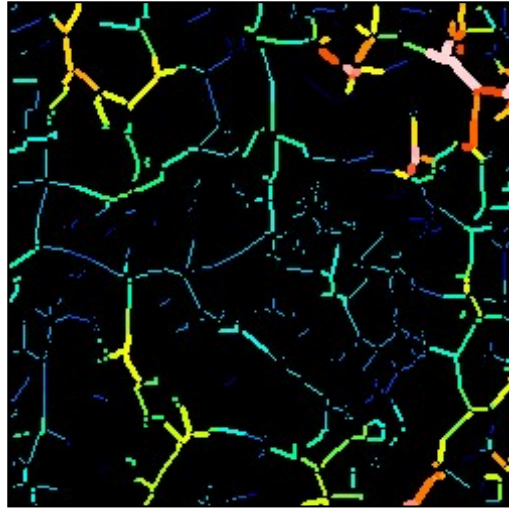
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	958	nm
Ssk	0.246	
Sku	5.28	
Sp	4923	nm
Sv	3106	nm
Sz	8029	nm
Sa	720	nm
Functional Parameters		
Smr	0.366	%
Smc	960	nm
Sxp	2145	nm
Spatial Parameters		
Sal	4.87	μm
Str	0.705	
Std	73.0	$^{\circ}$
Hybrid Parameters		
Sdq	0.589	
Sdr	10.5	%
Functional Parameters (Volume)		
Vm	0.0682	$\mu\text{m}^3/\mu\text{m}^2$
Vv	1.03	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0682	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.813	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.903	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.123	$\mu\text{m}^3/\mu\text{m}^2$

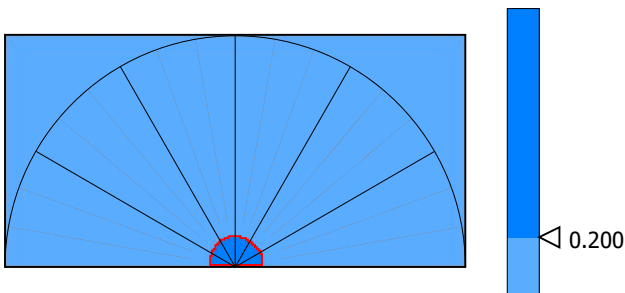
9. Furrow analysis surface #7



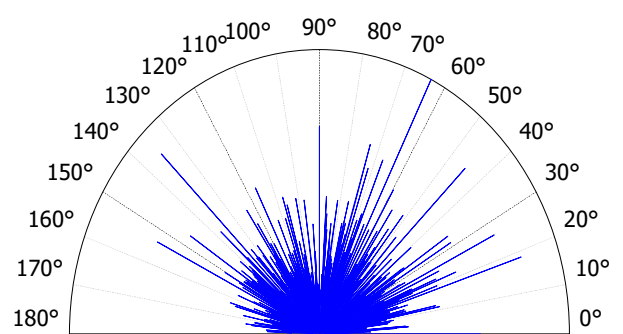
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	2279	nm
Mean depth of furrows	804	nm
Mean density of furrows	2230	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	84.6	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	$^{\circ}$



Parameters	Value	Unit
Isotropy	70.5	%
First Direction	63.5	$^{\circ}$
Second Direction	135	$^{\circ}$
Third Direction	18.5	$^{\circ}$

