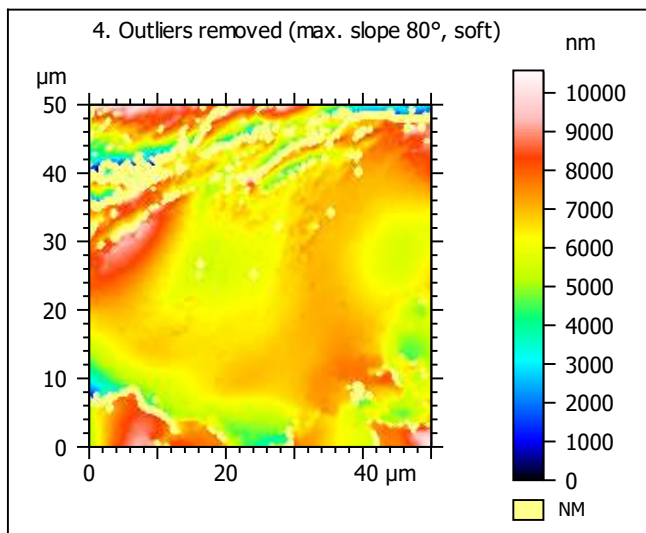
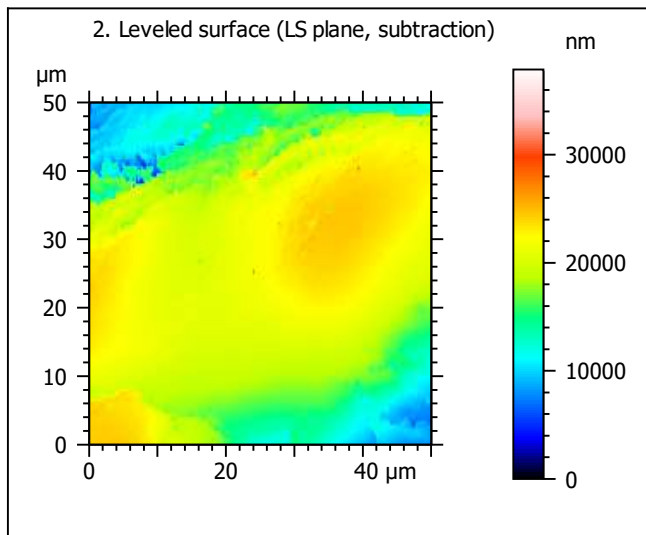
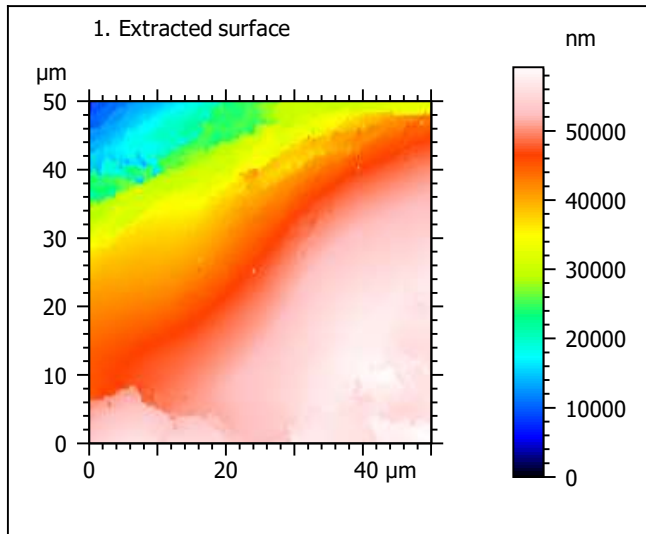
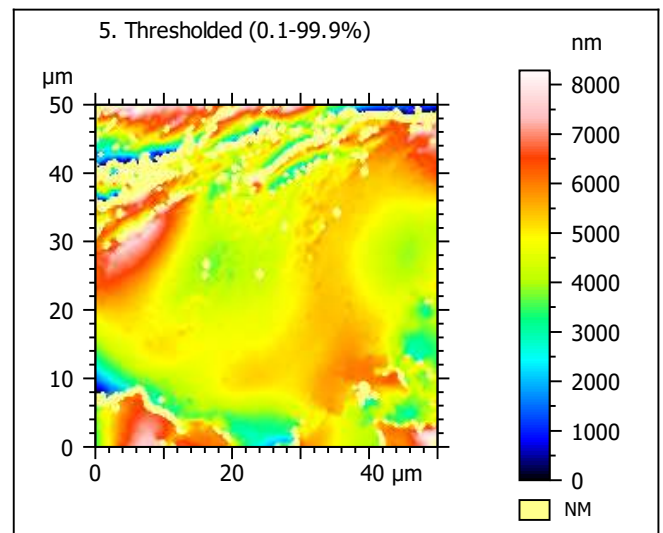
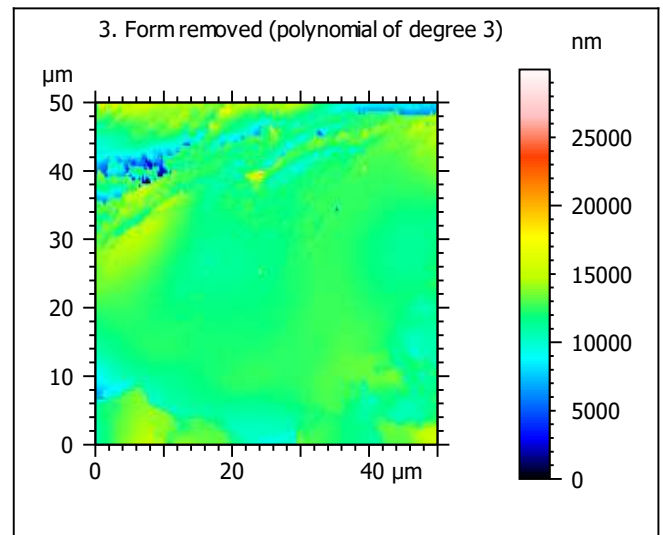


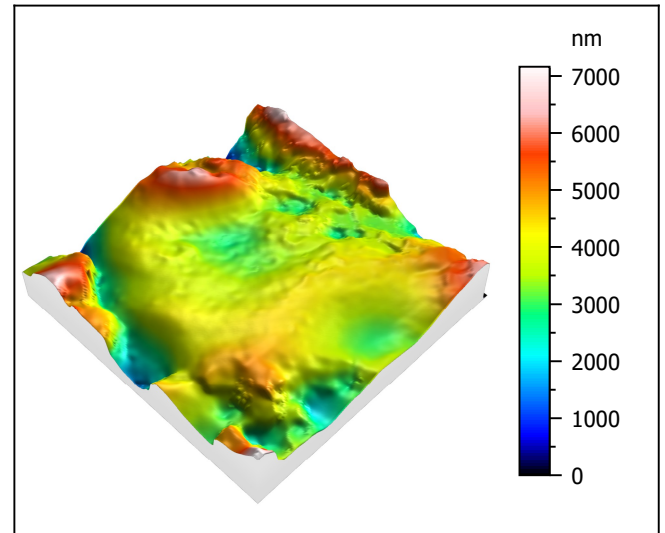
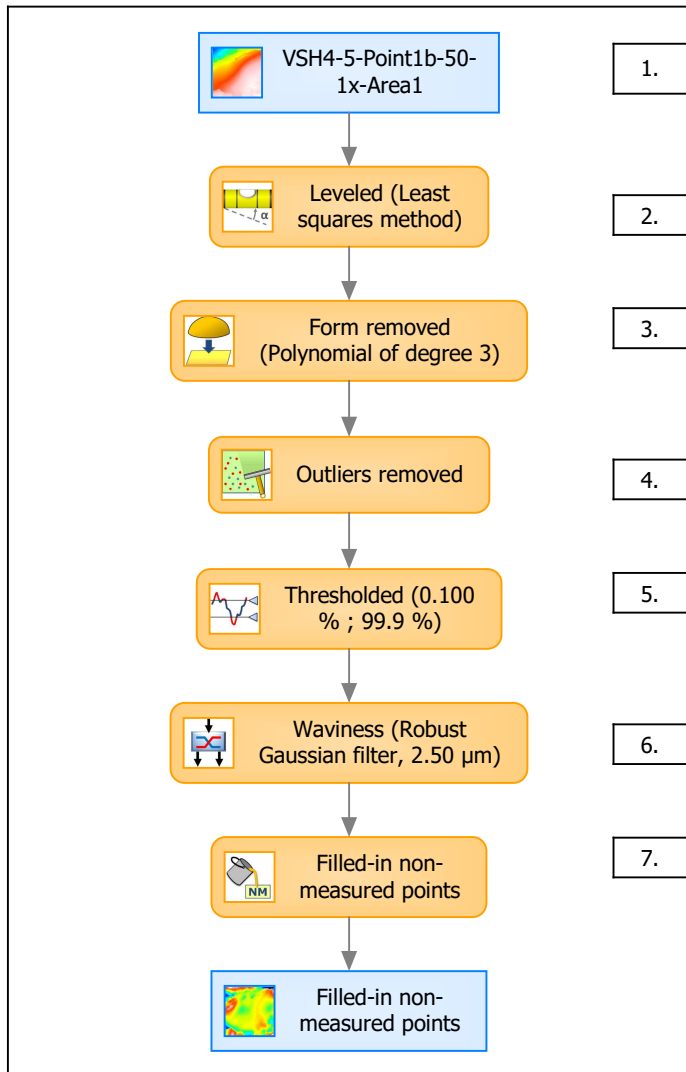
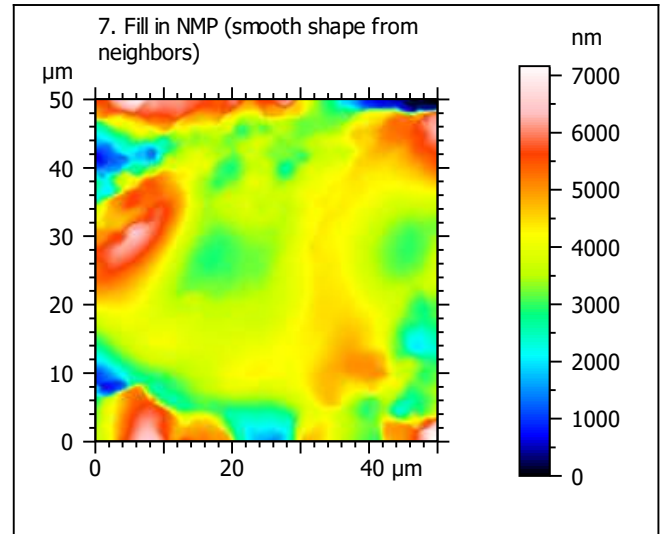
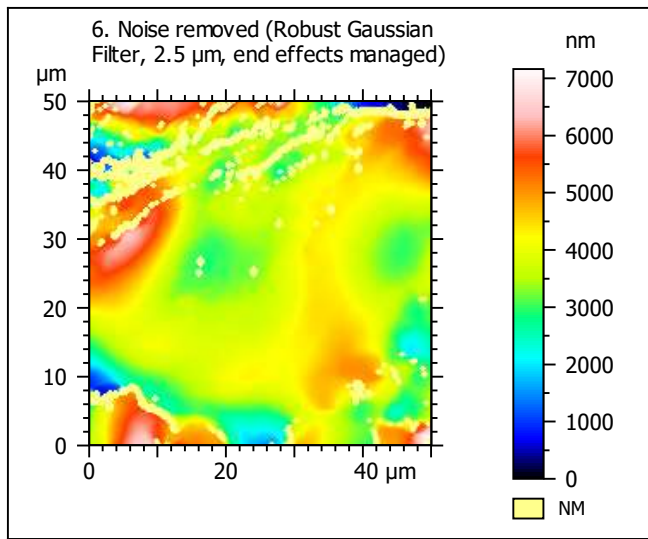
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-5-Point1b-50-1x-Area1		
File path:	D:\Data\Ant...\VSH4-5-Point1b-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:	59182	nm	
Size:	34961	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-5-Point1b-50-1x-Area1 > Leveled (Leas...		
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:	7162	nm	
Size:	4231	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		

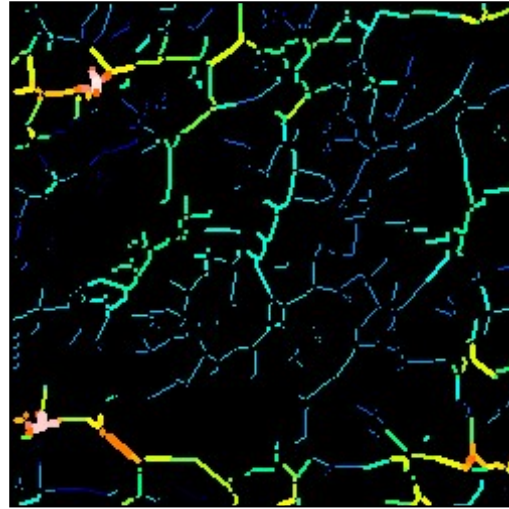
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	960	nm
Ssk	-0.148	
Sku	4.35	
Sp	3260	nm
Sv	3902	nm
Sz	7162	nm
Sa	712	nm
Functional Parameters		
Smr	1.20	%
Smc	1269	nm
Sxp	2057	nm
Spatial Parameters		
Sal	4.28	μm
Str	0.654	
Std	31.5	$^{\circ}$
Hybrid Parameters		
Sdq	0.597	
Sdr	9.89	%
Functional Parameters (Volume)		
Vm	0.0526	$\mu\text{m}^3/\mu\text{m}^2$
Vv	1.32	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0526	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.728	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	1.20	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.123	$\mu\text{m}^3/\mu\text{m}^2$

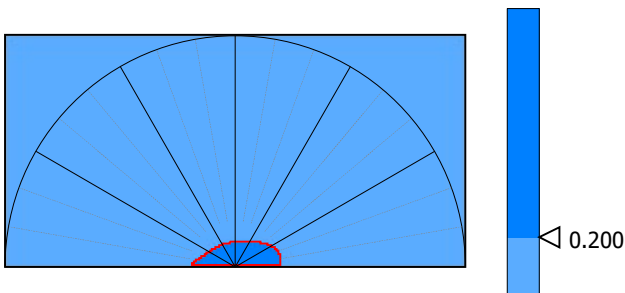
9. Furrow analysis surface #7



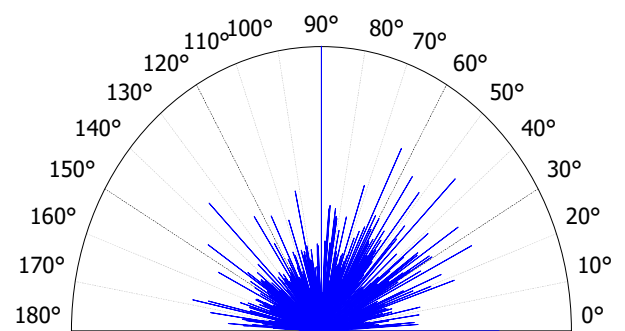
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	2761	nm
Mean depth of furrows	873	nm
Mean density of furrows	2293	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	51.6	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	$^{\circ}$



Parameters	Value	Unit
Isotropy	65.4	%
First Direction	90.0	$^{\circ}$
Second Direction	45.0	$^{\circ}$
Third Direction	63.5	$^{\circ}$

