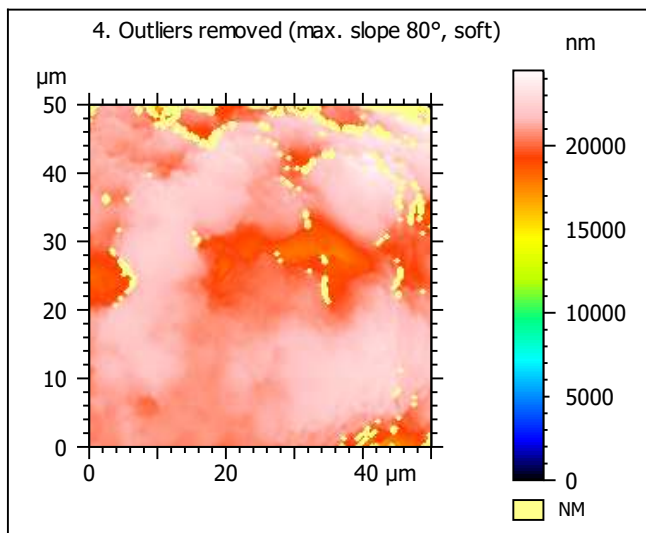
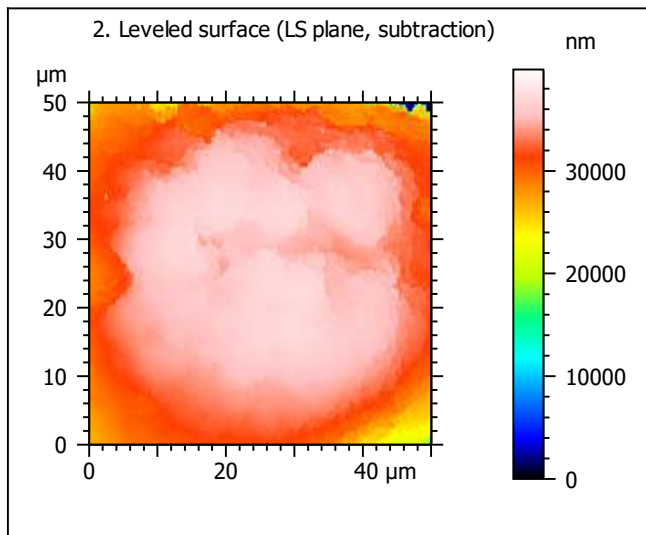
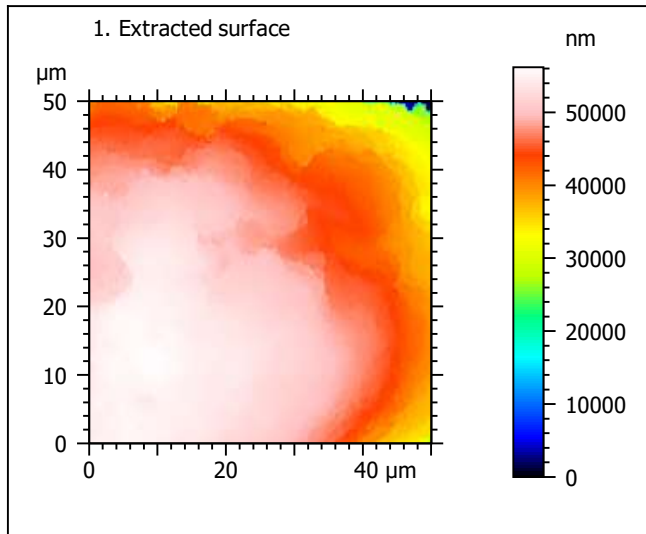
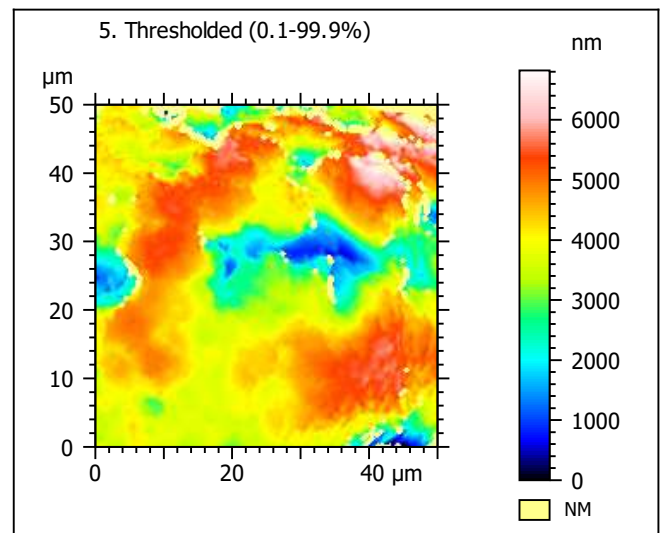
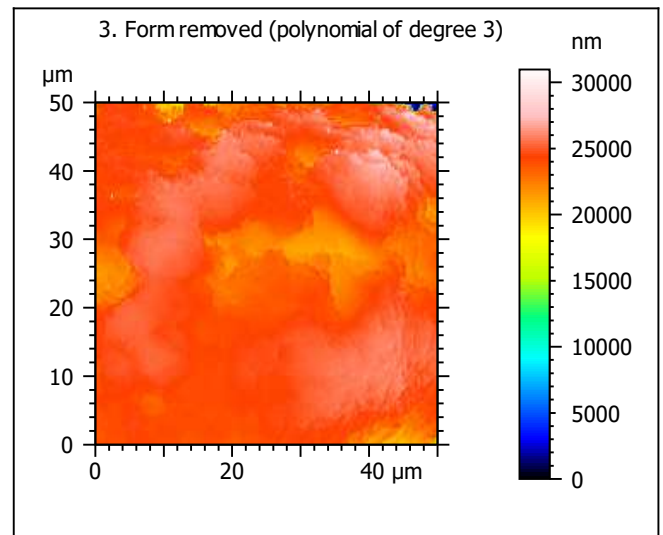


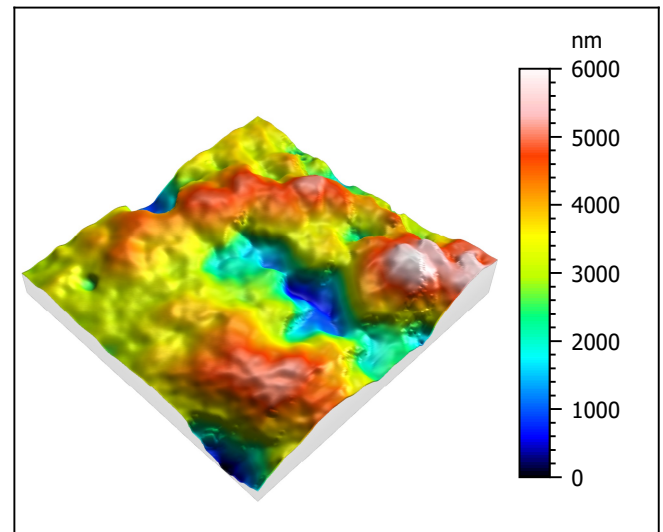
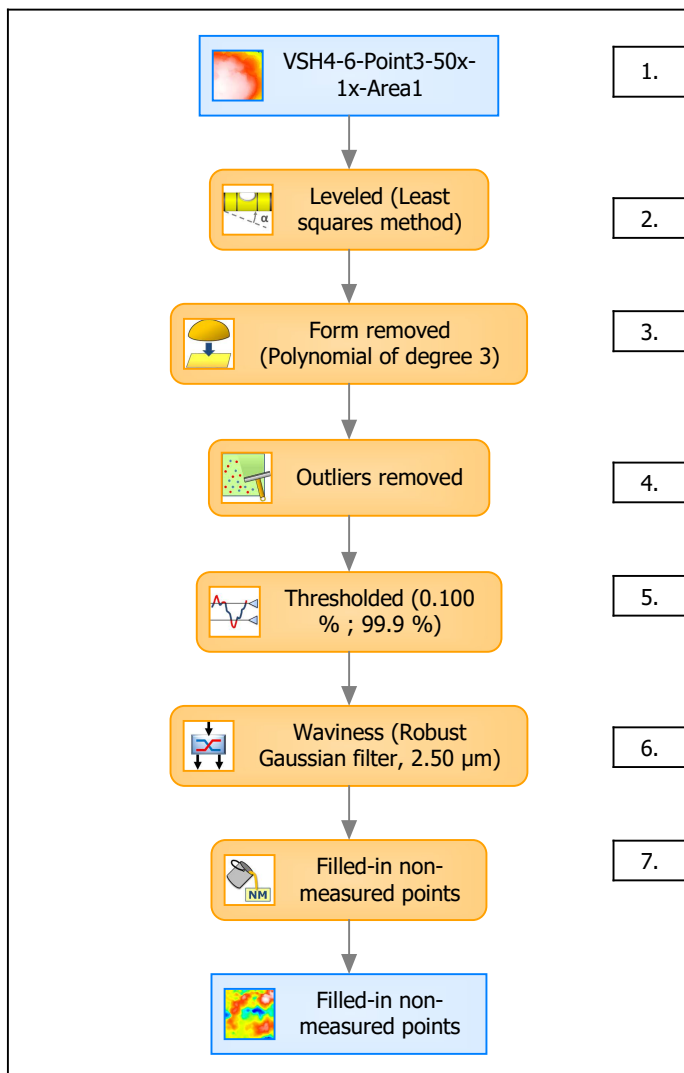
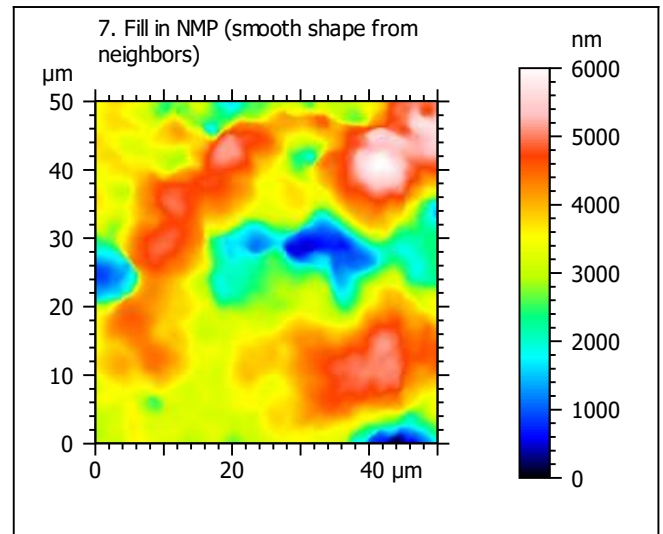
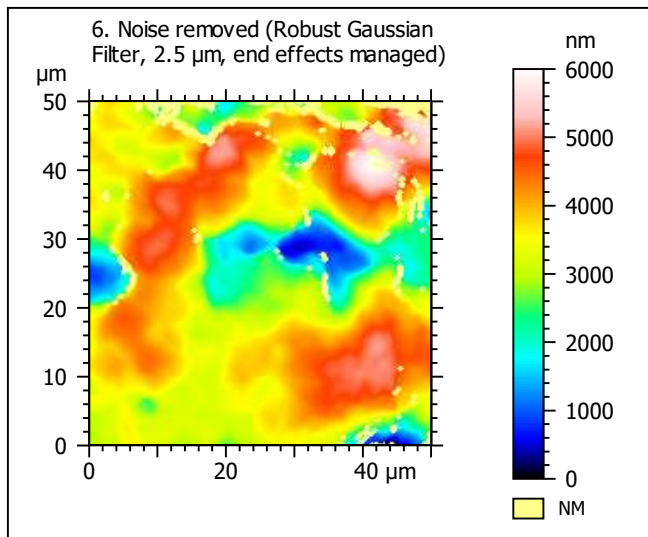
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-6-Point3-50x-1x-Area1		
File path:	D:\Data\Ant...\VSH4-6-Point3-50x-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:	56176	nm	
Size:	21869	digits	
Spacing:	2.57	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-6-Point3-50x-1x-Area1 > Leveled (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:	6001	nm	
Size:	2336	digits	
Spacing:	2.57	nm	
NMP ratio:	0.00 % (0 Pts)		

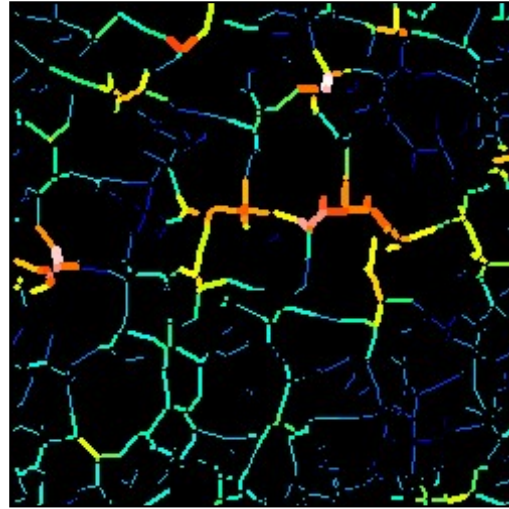
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	1011	nm
Ssk	-0.512	
Sku	3.24	
Sp	2471	nm
Sv	3529	nm
Sz	6001	nm
Sa	779	nm
Functional Parameters		
Smr	5.06	%
Smc	1239	nm
Sxp	2432	nm
Spatial Parameters		
Sal	5.93	μm
Str	0.238	
Std	25.0	$^{\circ}$
Hybrid Parameters		
Sdq	0.447	
Sdr	7.64	%
Functional Parameters (Volume)		
Vm	0.0331	$\mu\text{m}^3/\mu\text{m}^2$
Vv	1.27	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0331	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.848	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	1.11	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.166	$\mu\text{m}^3/\mu\text{m}^2$

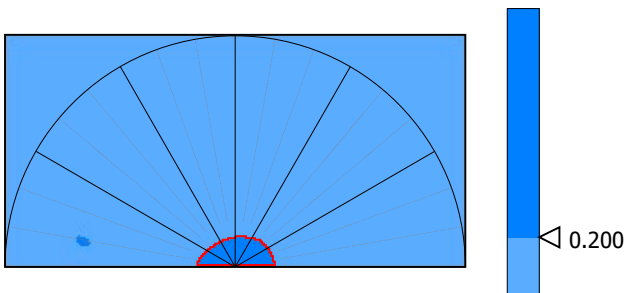
9. Furrow analysis surface #7



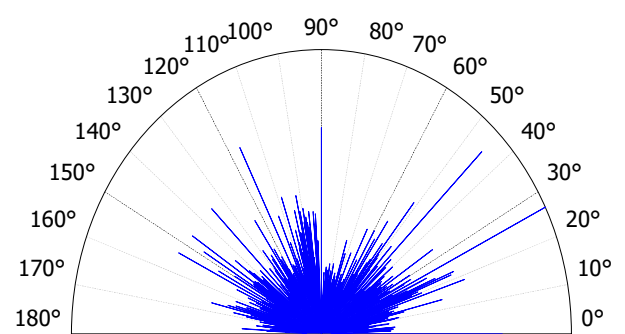
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	2269	nm
Mean depth of furrows	712	nm
Mean density of furrows	2423	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	71.5	%
Periodicity	20.6	%
Period	16.9	μm
Direction of period	171	$^{\circ}$



Parameters	Value	Unit
Isotropy	23.8	%
First Direction	26.5	$^{\circ}$
Second Direction	45.0	$^{\circ}$
Third Direction	116	$^{\circ}$

