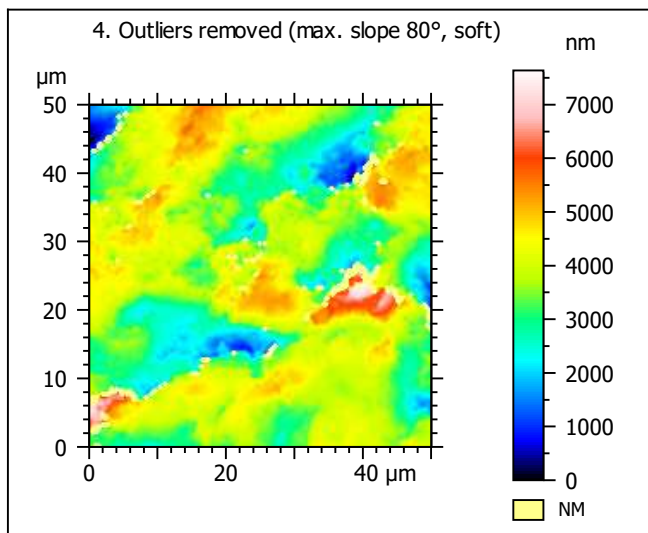
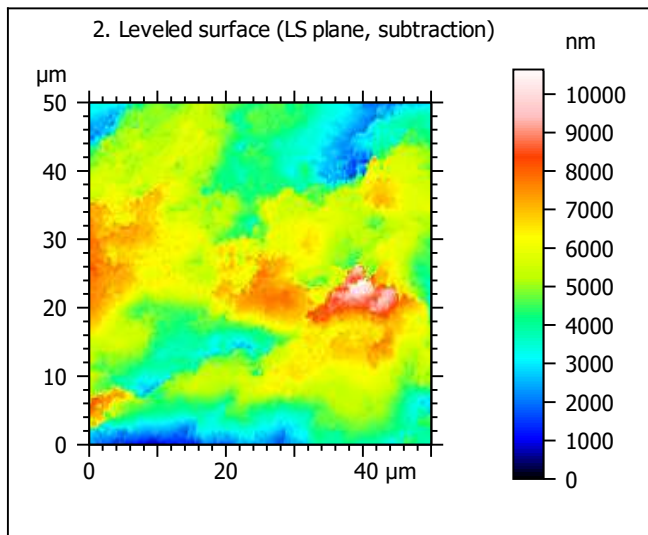
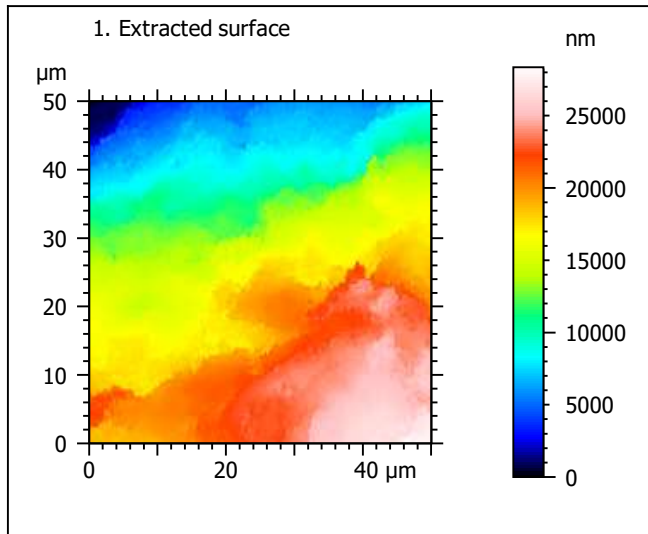
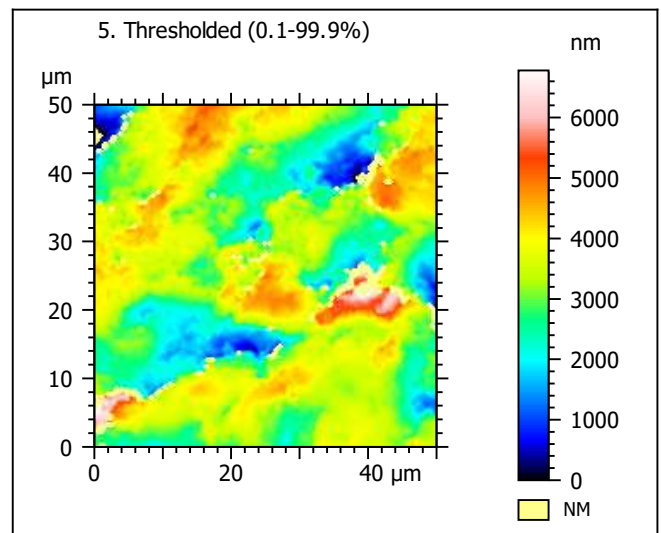
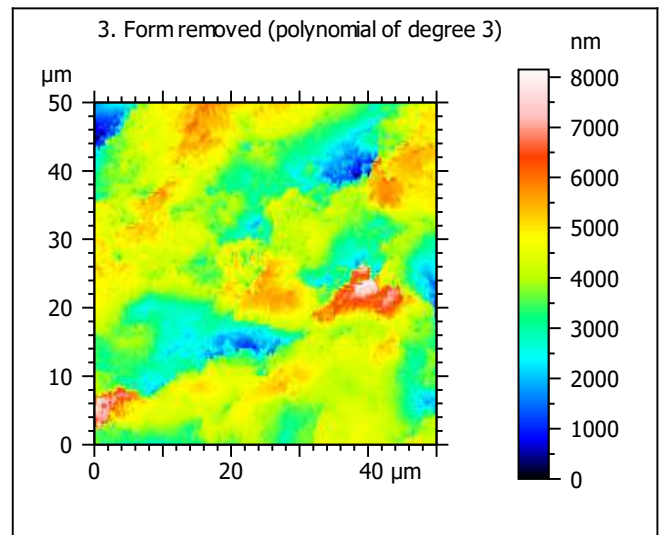


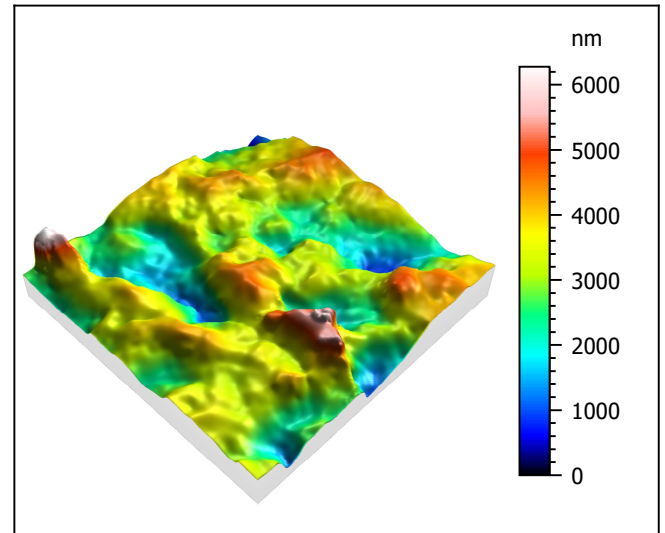
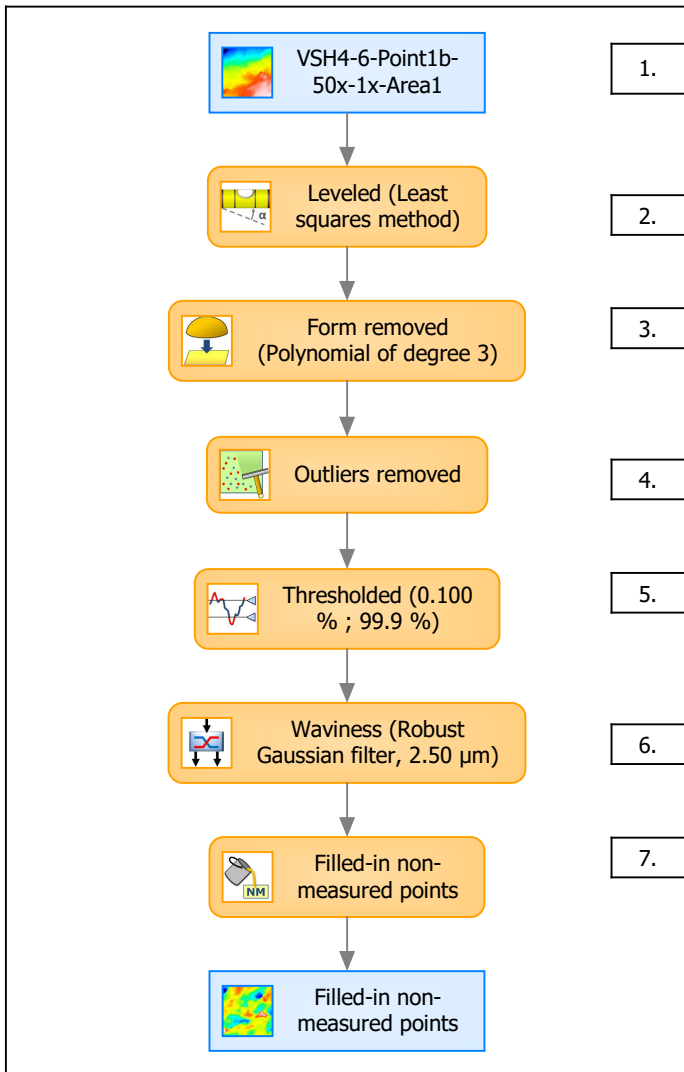
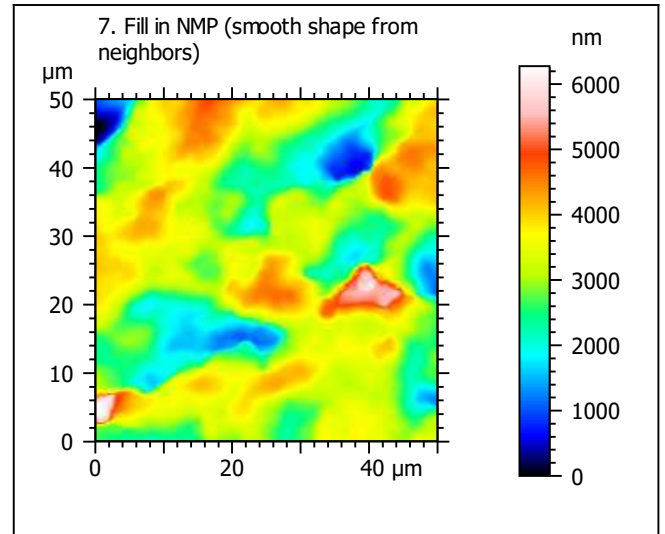
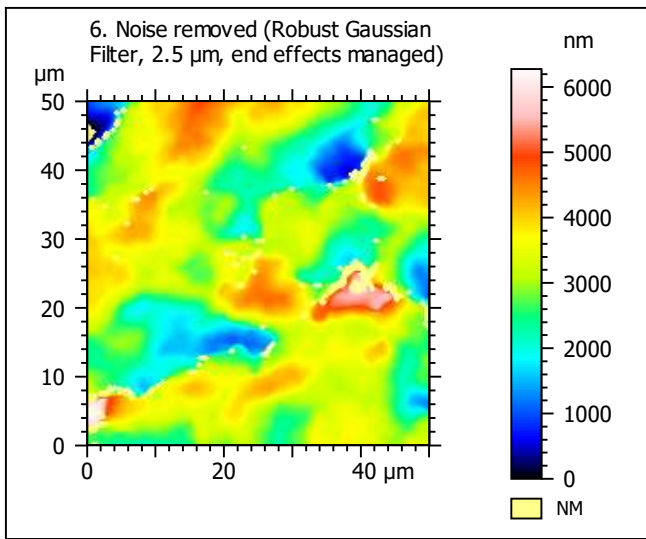
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-6-Point1b-50x-1x-Area1		
File path:	D:\Data\An...\VSH4-6-Point1b-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:	28355	nm	
Size:	25637	digits	
Spacing:	1.11	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-6-Point1b-50x-1x-Area1 > Levelled (Lea...		
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:	6277	nm	
Size:	5675	digits	
Spacing:	1.11	nm	
NMP ratio:	0.00 % (0 Pts)		

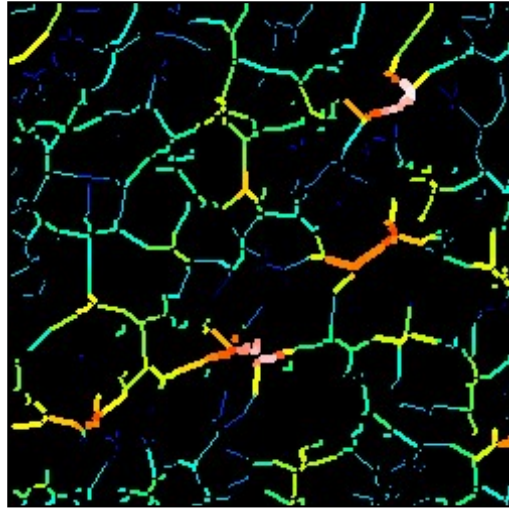
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	876	nm
Ssk	-0.209	
Sku	3.57	
Sp	3152	nm
Sv	3125	nm
Sz	6277	nm
Sa	685	nm
Functional Parameters		
Smr	1.22	%
Smc	1003	nm
Sxp	1951	nm
Spatial Parameters		
Sal	4.12	μm
Str	0.631	
Std	42.5	$^{\circ}$
Hybrid Parameters		
Sdq	0.504	
Sdr	8.75	%
Functional Parameters (Volume)		
Vm	0.0449	$\mu\text{m}^3/\mu\text{m}^2$
Vv	1.05	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0449	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.788	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.936	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.111	$\mu\text{m}^3/\mu\text{m}^2$

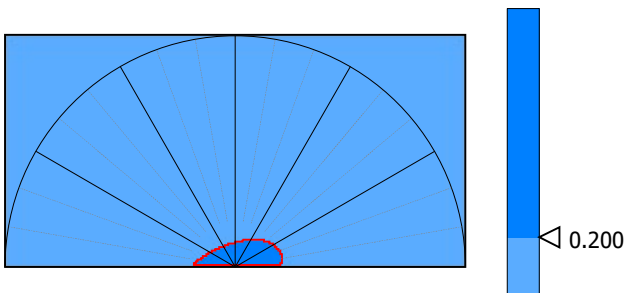
9. Furrow analysis surface #7



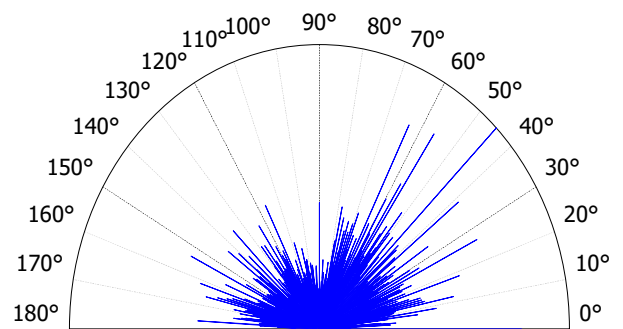
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	2504	nm
Mean depth of furrows	916	nm
Mean density of furrows	2331	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	47.0	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	$^{\circ}$



Parameters	Value	Unit
Isotropy	63.1	%
First Direction	45.0	$^{\circ}$
Second Direction	56.2	$^{\circ}$
Third Direction	0.189	$^{\circ}$

