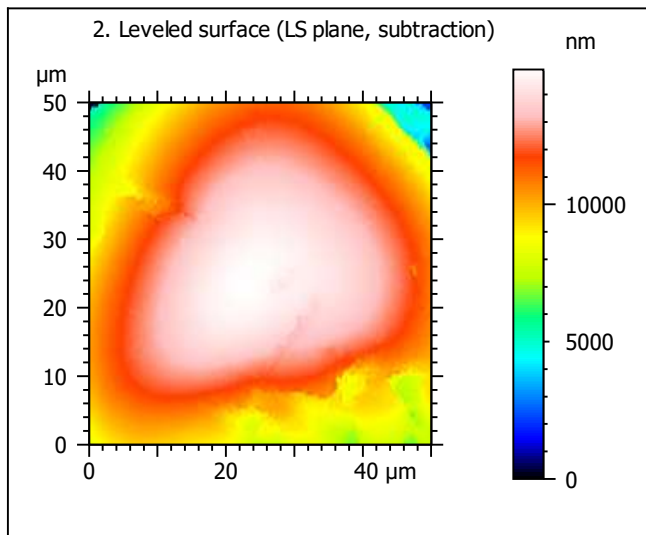
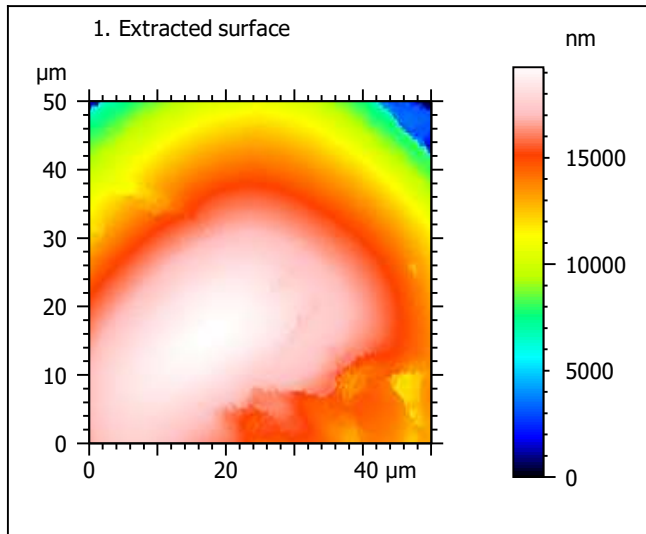
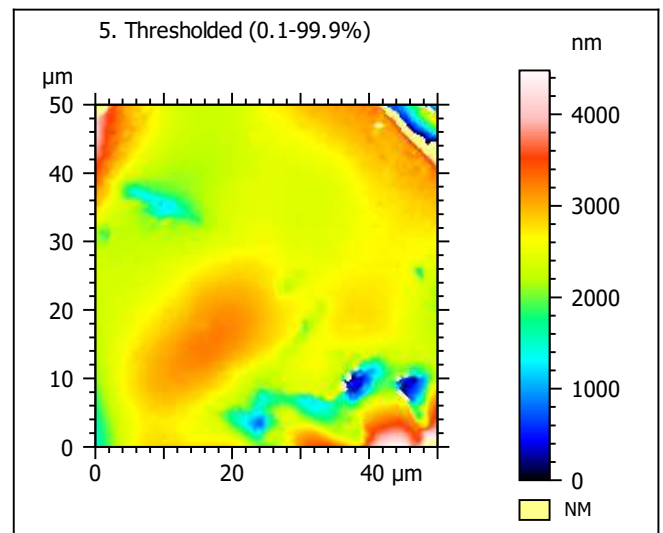
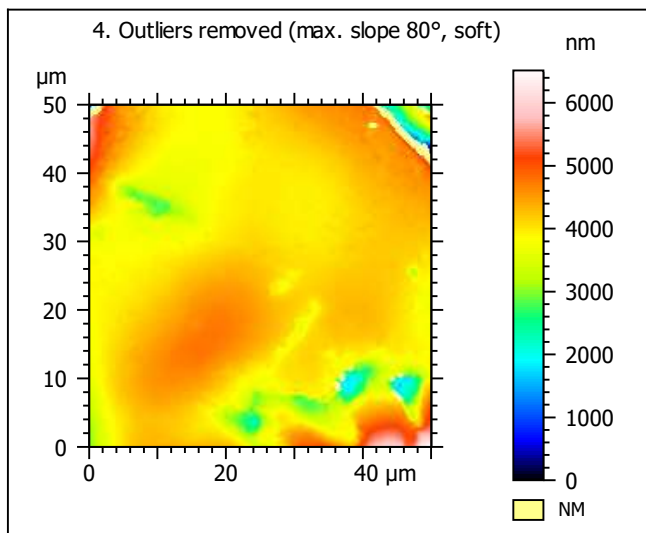
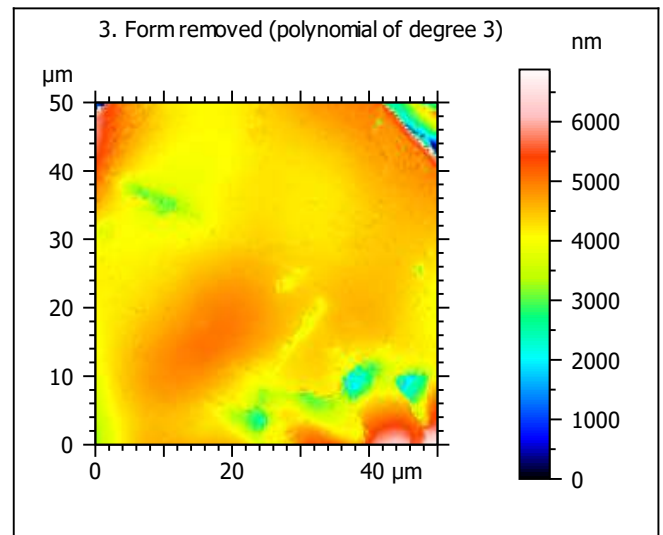


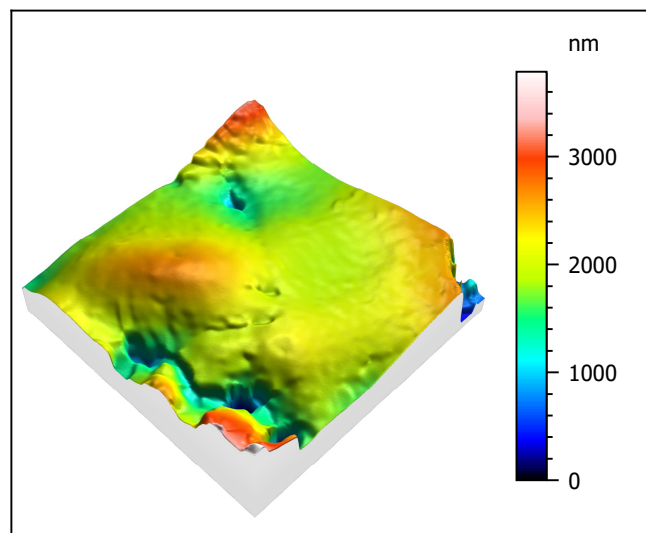
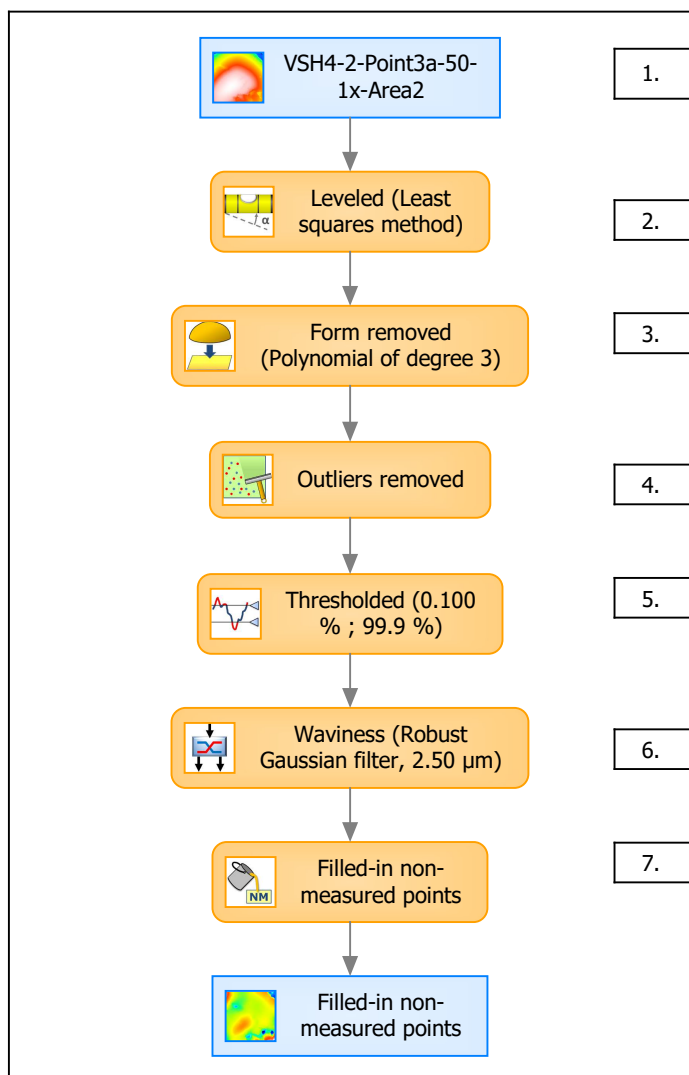
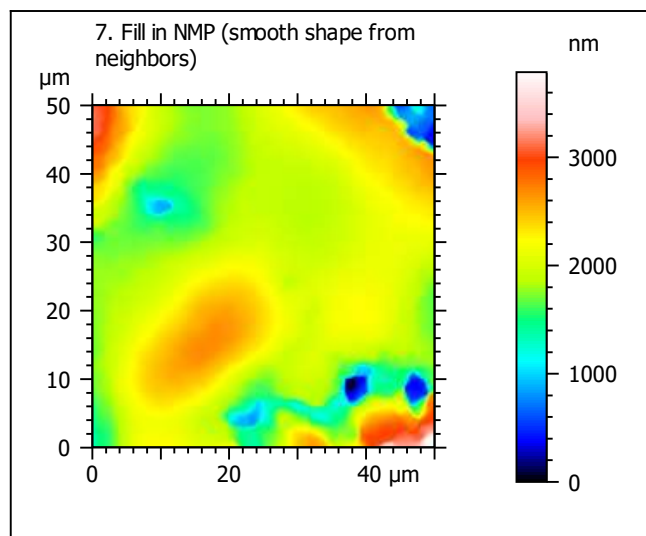
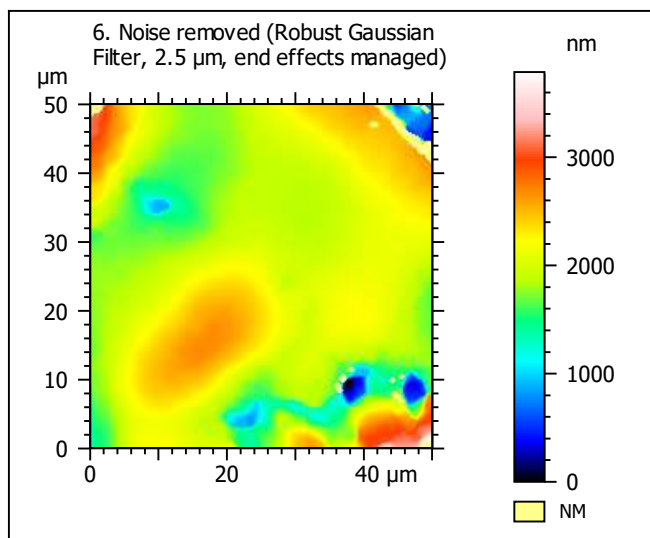
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-2-Point3a-50-1x-Area2		
File path:	D:\Data\Ant...\VSH4-2-Point3a-50-1x-Area2.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:	19252	nm	
Size:	12574	digits	
Spacing:	1.53	nm	
NMP ratio:	0.00 % (0 Pts)		





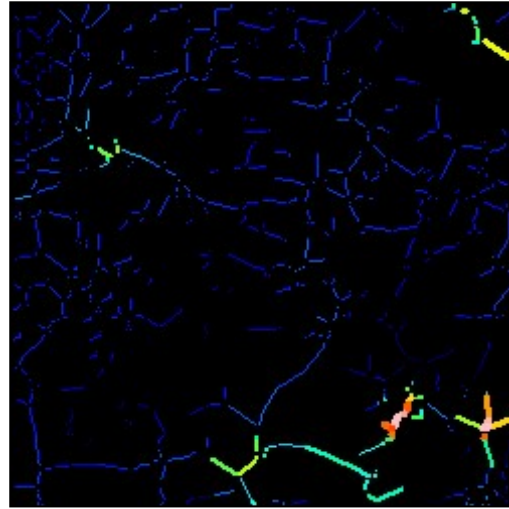
Identity card			
Name:	VSH4-2-Point3a-50-1x-Area2 > Levelled (Leas...		
Axis:	X		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Y		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Z		
Length:	3788	nm	
Size:	2474	digits	
Spacing:	1.53	nm	
NMP ratio:	0.00 % (0 Pts)		

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	403	nm
Ssk	-0.429	
Sku	5.98	
Sp	1784	nm
Sv	2004	nm
Sz	3788	nm
Sa	290	nm
Functional Parameters		
Smr	2.47	%
Smc	476	nm
Sxp	969	nm
Spatial Parameters		
Sal	4.54	μm
Str	0.375	
Std	42.7	$^{\circ}$
Hybrid Parameters		
Sdq	0.242	
Sdr	2.10	%
Functional Parameters (Volume)		
Vm	0.0217	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.498	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0217	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.287	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.442	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0563	$\mu\text{m}^3/\mu\text{m}^2$

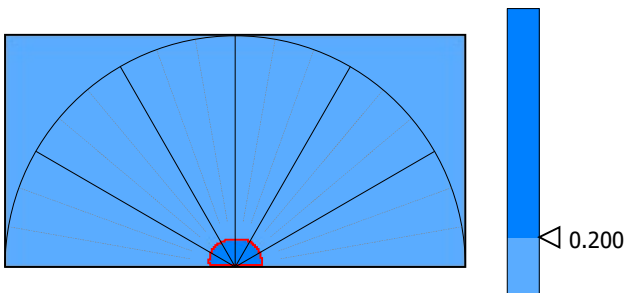
9. Furrow analysis surface #7



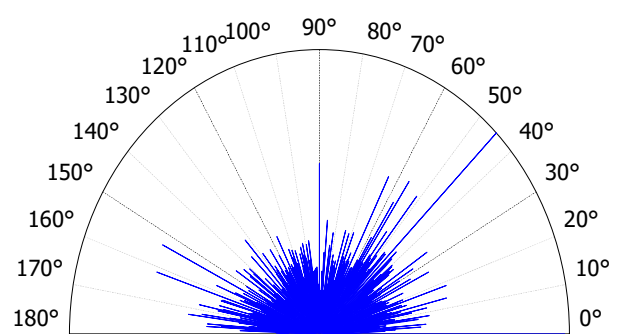
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	1504	nm
Mean depth of furrows	240	nm
Mean density of furrows	2130	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	87.9	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	$^{\circ}$



Parameters	Value	Unit
Isotropy	37.5	%
First Direction	45.0	$^{\circ}$
Second Direction	0.199	$^{\circ}$
Third Direction	154	$^{\circ}$

