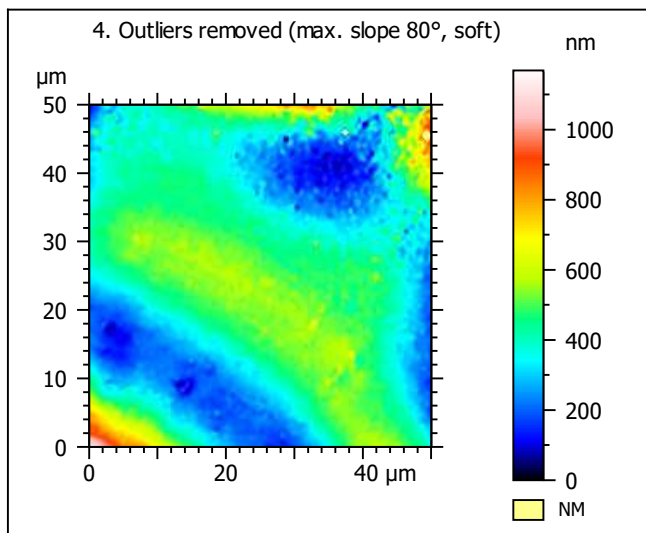
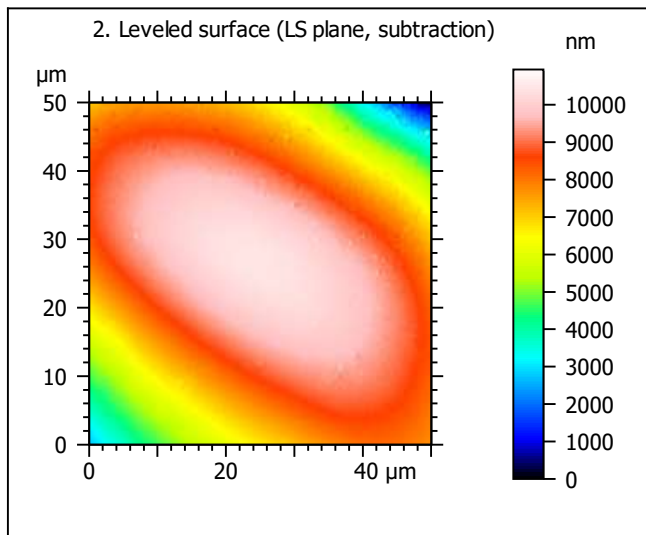
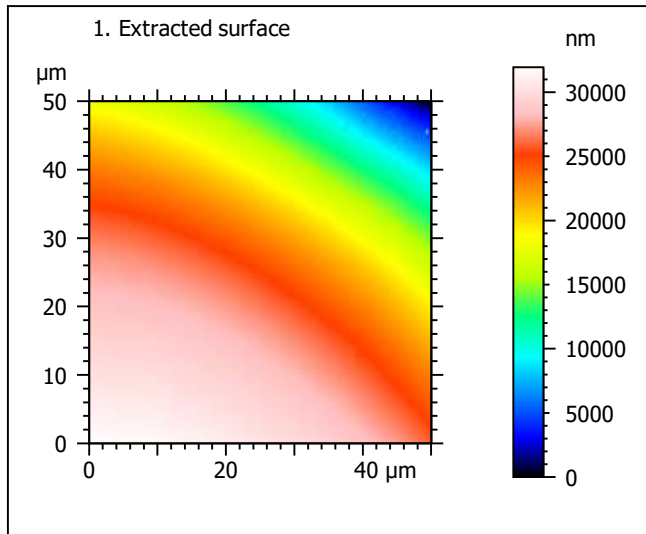
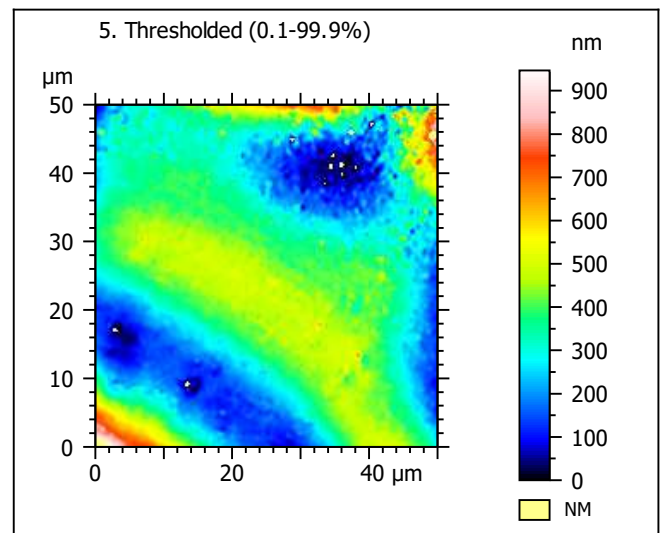
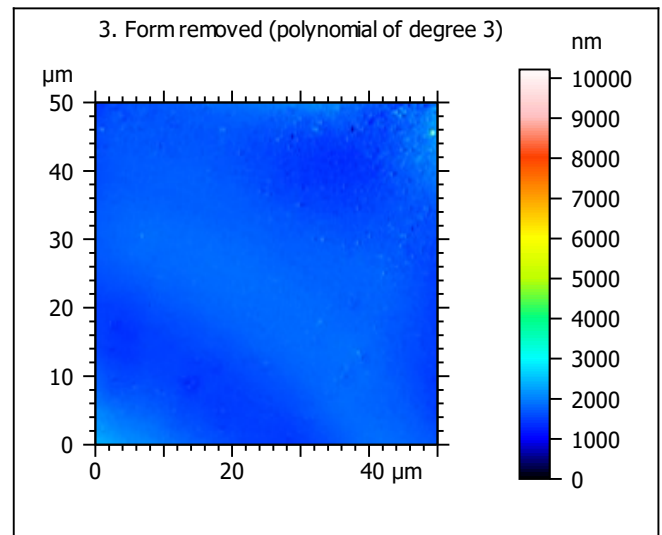


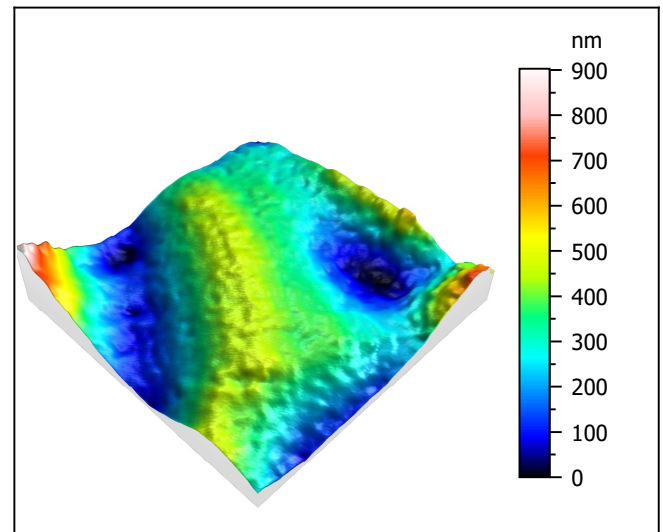
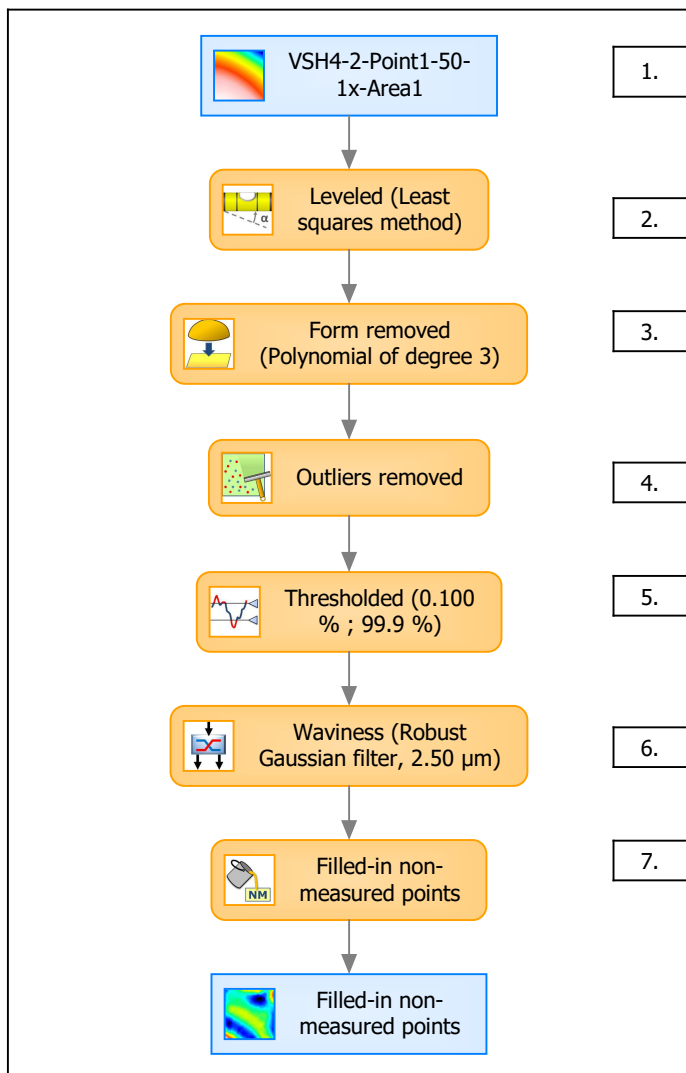
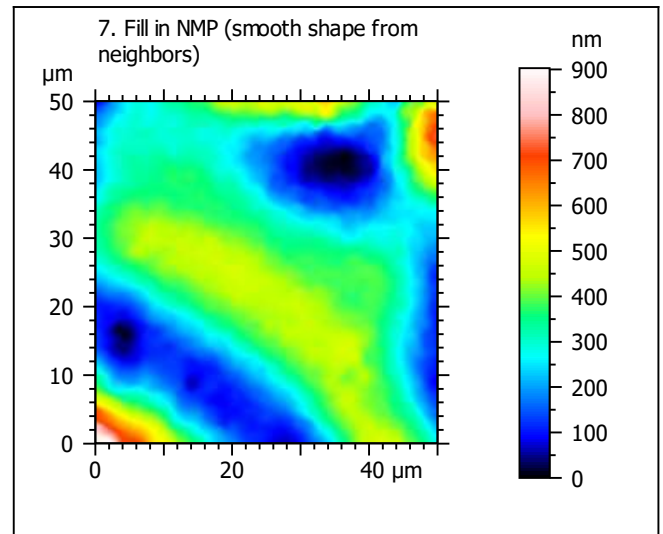
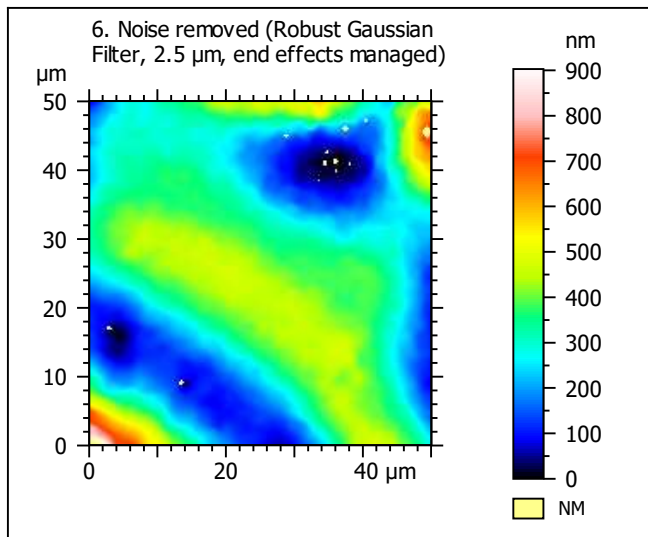
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-2-Point1-50-1x-Area1		
File path:	D:\Data\Anto...\VSH4-2-Point1-50-1x-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:	31951	nm	
Size:	18862	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		





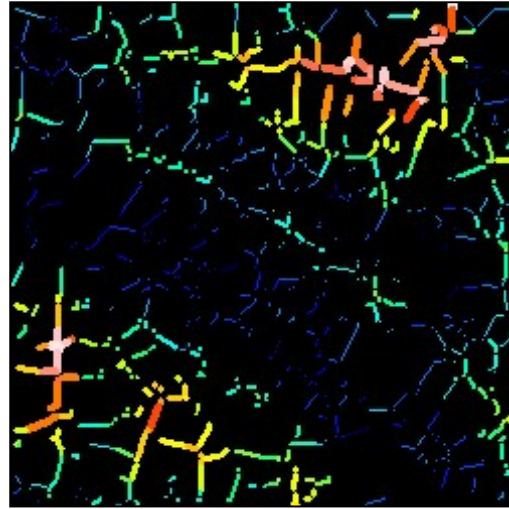
Identity card			
Name:	VSH4-2-Point1-50-1x-Area1 > Levelled (Least...		
Axis:	X		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Y		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Z		
Length:	903	nm	
Size:	533	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178			
Height Parameters			
Sq	131	nm	
Ssk	0.146		
Sku	3.43		
Sp	600	nm	
Sv	303	nm	
Sz	903	nm	
Sa	106	nm	
Functional Parameters			
Smr	100	%	
Smc	144	nm	
Sxp	252	nm	
Spatial Parameters			
Sal	6.83	μm	
Str	0.196		
Std	148	$^{\circ}$	
Hybrid Parameters			
Sdq	0.0377		
Sdr	0.0709	%	
Functional Parameters (Volume)			
Vm	0.00653	$\mu\text{m}^3/\mu\text{m}^2$	
Vv	0.151	$\mu\text{m}^3/\mu\text{m}^2$	
Vmp	0.00653	$\mu\text{m}^3/\mu\text{m}^2$	
Vmc	0.133	$\mu\text{m}^3/\mu\text{m}^2$	
Vvc	0.138	$\mu\text{m}^3/\mu\text{m}^2$	
Vvv	0.0126	$\mu\text{m}^3/\mu\text{m}^2$	

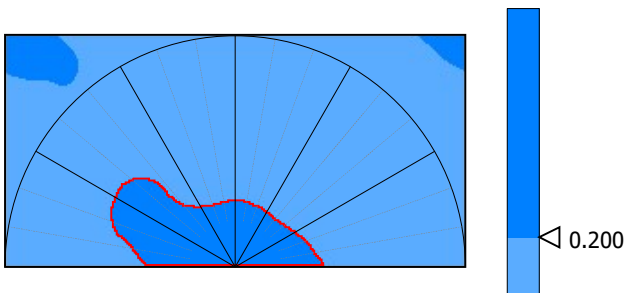
9. Furrow analysis surface #7



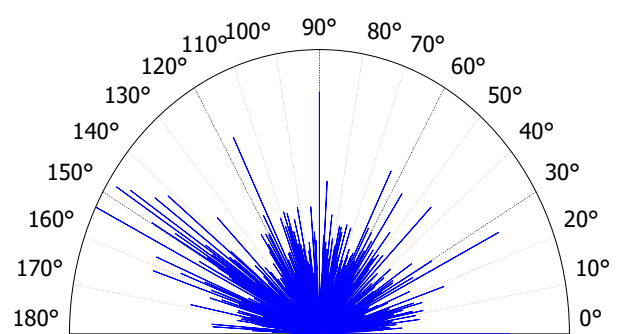
All furrows are shown.

Parameters	Value	Unit	
Maximum depth of furrows	125	nm	
Mean depth of furrows	40.5	nm	
Mean density of furrows	2298	cm/cm2	

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit	
Isotropy	43.0	%	
Periodicity	*****	%	
Period	*****	μm	
Direction of period	*****	$^{\circ}$	



Parameters	Value	Unit	
Isotropy	19.6	%	
First Direction	154	$^{\circ}$	
Second Direction	148	$^{\circ}$	
Third Direction	90.0	$^{\circ}$	

