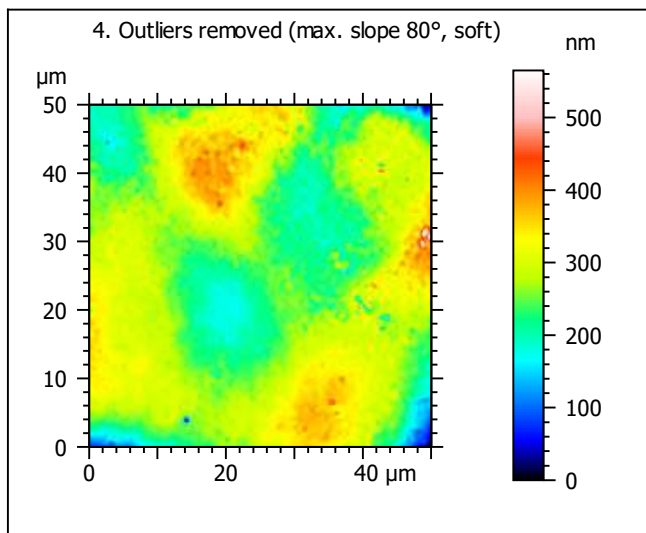
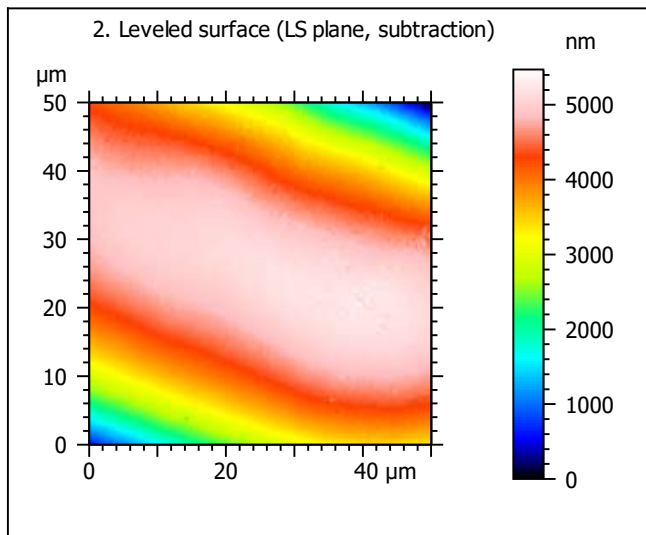
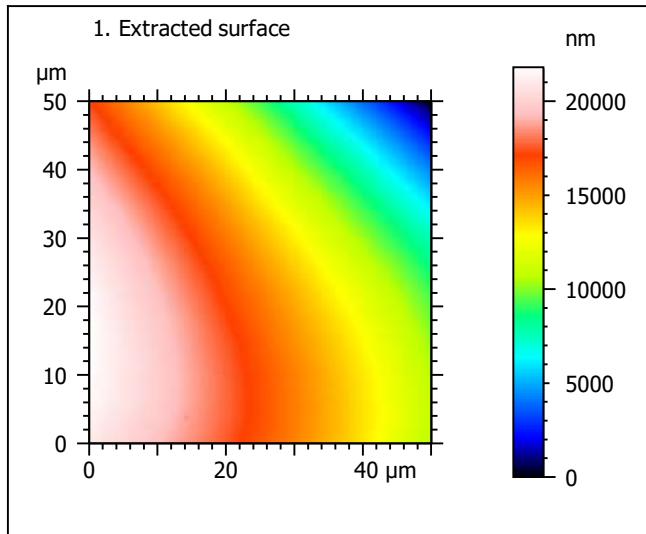
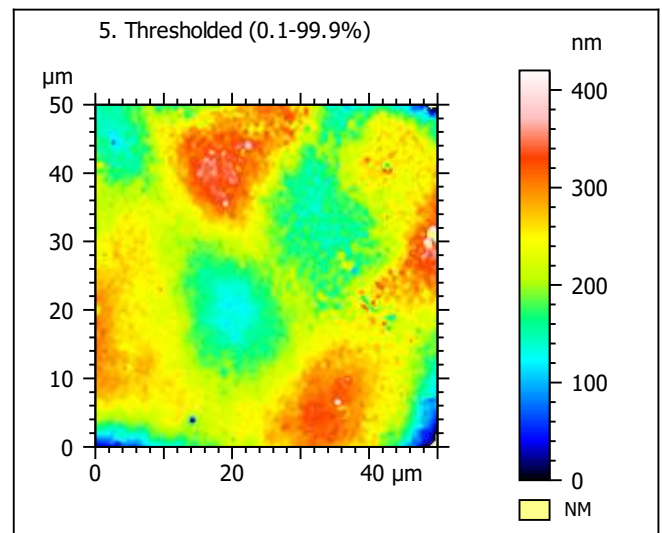
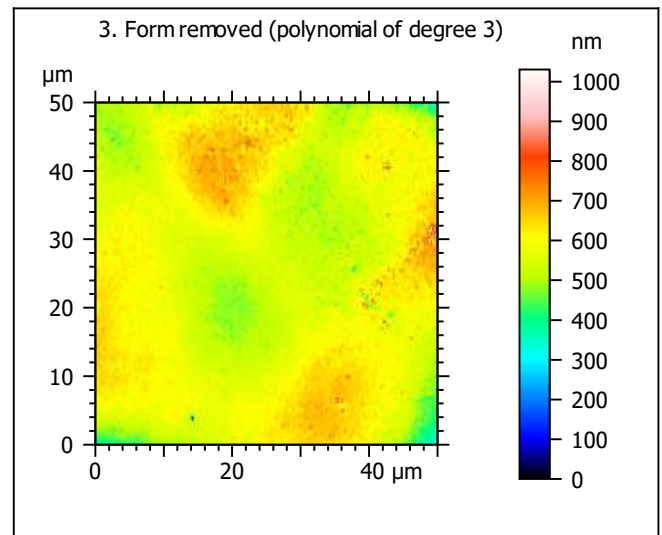


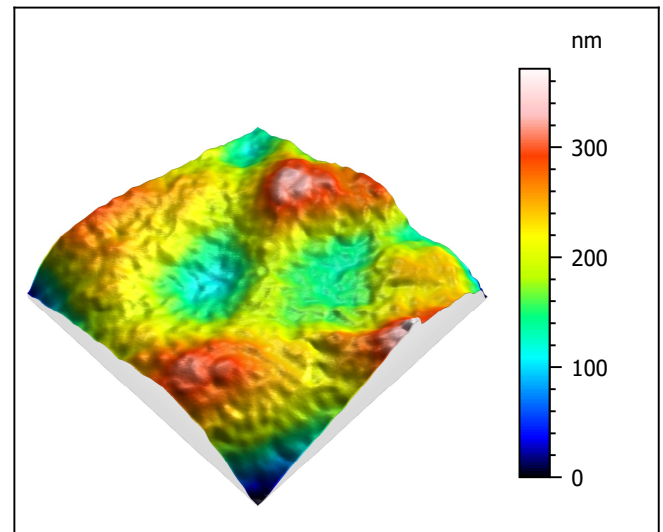
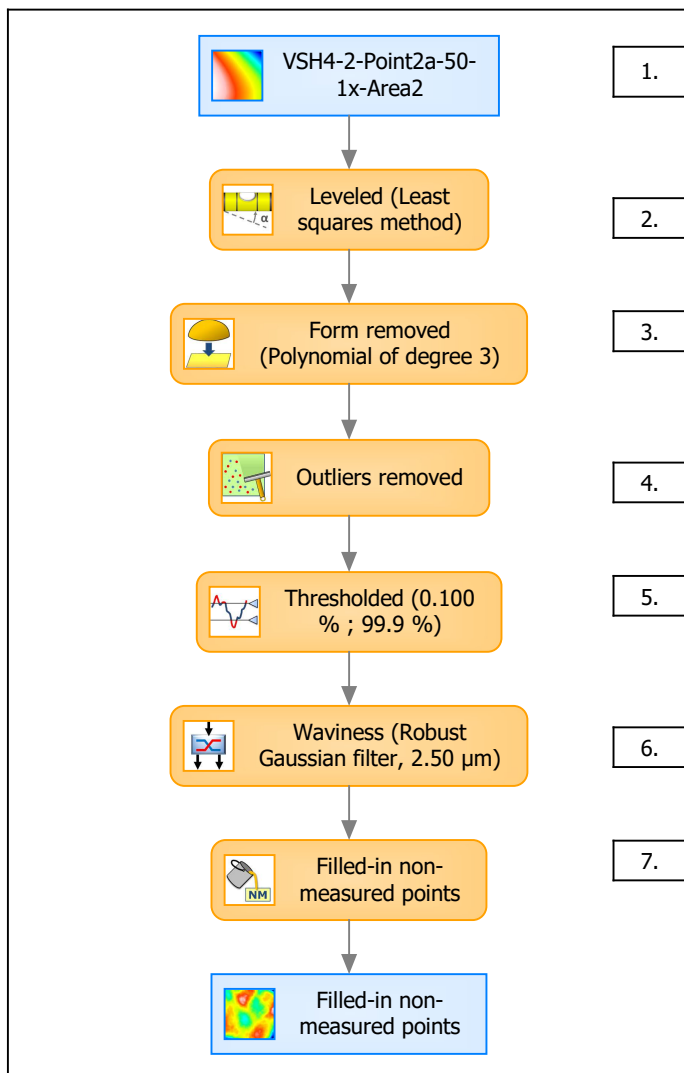
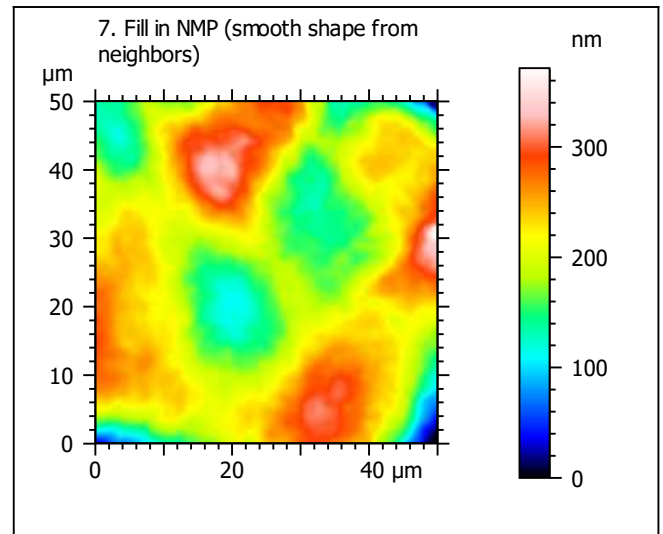
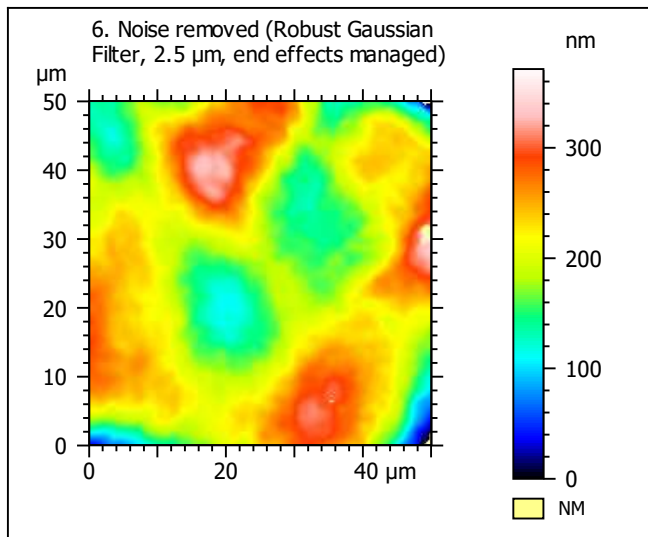
Template to process all extracted 50x50  $\mu\text{m}$  surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

## A. Processing



Identity card			
Name:	VSH4-2-Point2a-50-1x-Area2		
File path:	D:\Data\Ant...\VSH4-2-Point2a-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:	21808	nm	
Size:	34582	digits	
Spacing:	0.631	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-2-Point2a-50-1x-Area2 > 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:	371	nm	
Size:	589	digits	
Spacing:	0.631	nm	
NMP ratio:	0.00 % (0 Pts)		

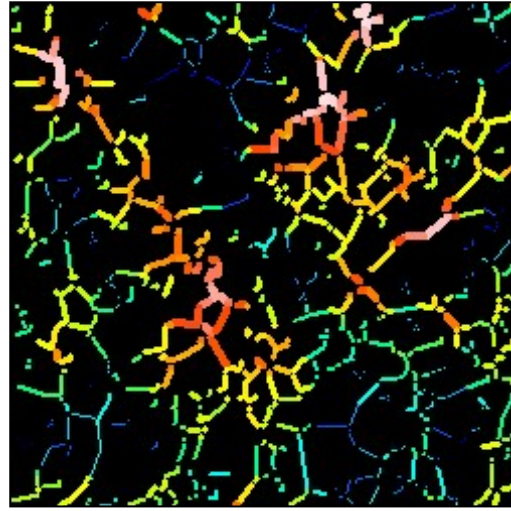
**Analyses:**  
**8. ISO 25178**  
**9. Furrow**  
**10. Texture isotropy and direction**  
**11. SSFA**

## B. Analyses

### 8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	51.9	nm
Ssk	-0.17	
Sku	3.08	
Sp	162	nm
Sv	209	nm
Sz	371	nm
Sa	42.0	nm
Functional Parameters		
Smr	100	%
Smc	68.0	nm
Sxp	96.2	nm
Spatial Parameters		
Sal	7.34	μm
Str	0.675	
Std	110	°
Hybrid Parameters		
Sdq	0.016	
Sdr	0.0127	%
Functional Parameters (Volume)		
Vm	0.00202	μm <sup>3</sup> /μm <sup>2</sup>
Vv	0.070	μm <sup>3</sup> /μm <sup>2</sup>
Vmp	0.00202	μm <sup>3</sup> /μm <sup>2</sup>
Vmc	0.0495	μm <sup>3</sup> /μm <sup>2</sup>
Vvc	0.0647	μm <sup>3</sup> /μm <sup>2</sup>
Vvv	0.00533	μm <sup>3</sup> /μm <sup>2</sup>

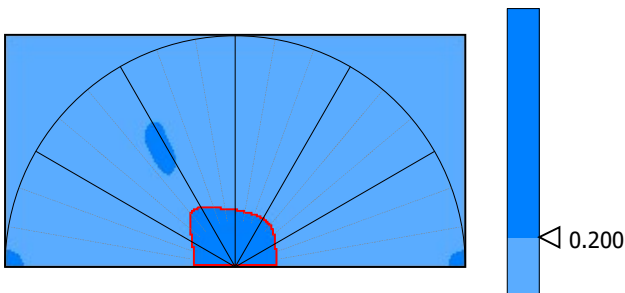
### 9. Furrow analysis surface #7



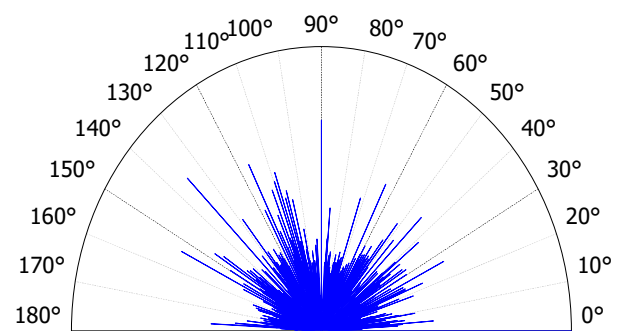
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	52.3	nm
Mean depth of furrows	25.5	nm
Mean density of furrows	2505	cm/cm2

### 10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	57.4	%
Periodicity	22.7	%
Period	25.1	μm
Direction of period	180	°



Parameters	Value	Unit
Isotropy	67.5	%
First Direction	0.217	°
Second Direction	135	°
Third Direction	90.0	°

