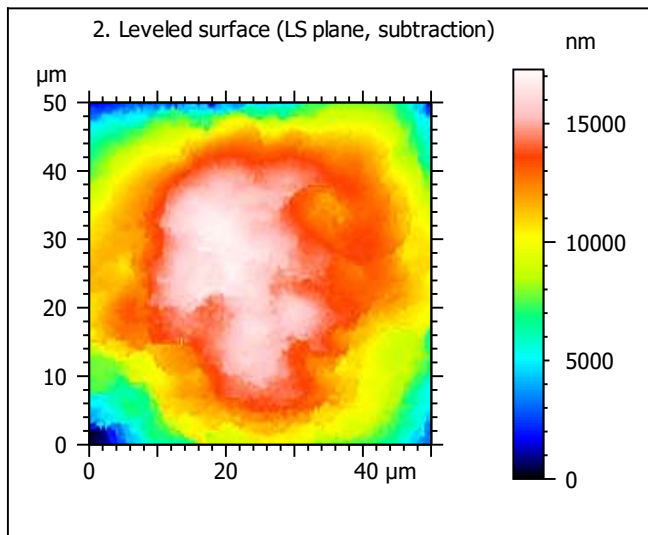
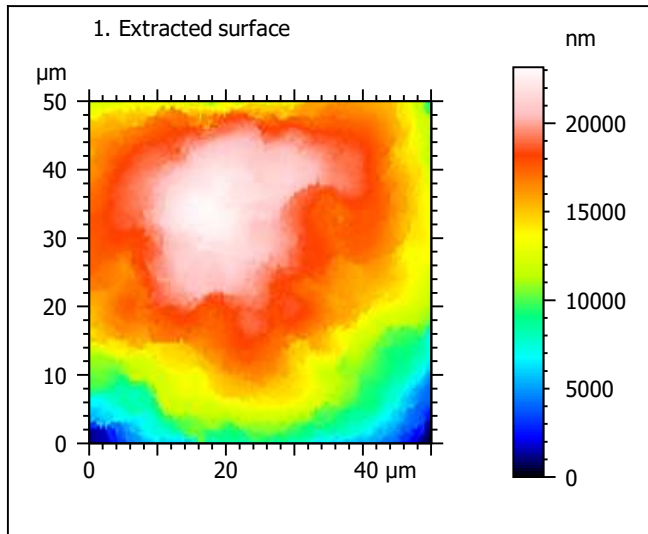
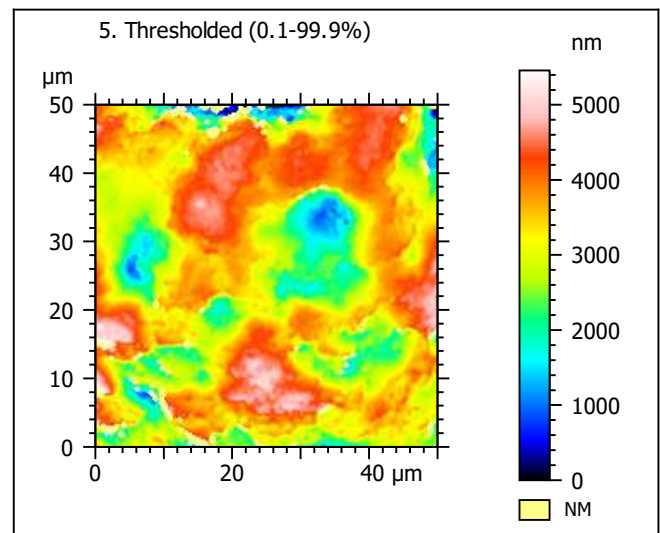
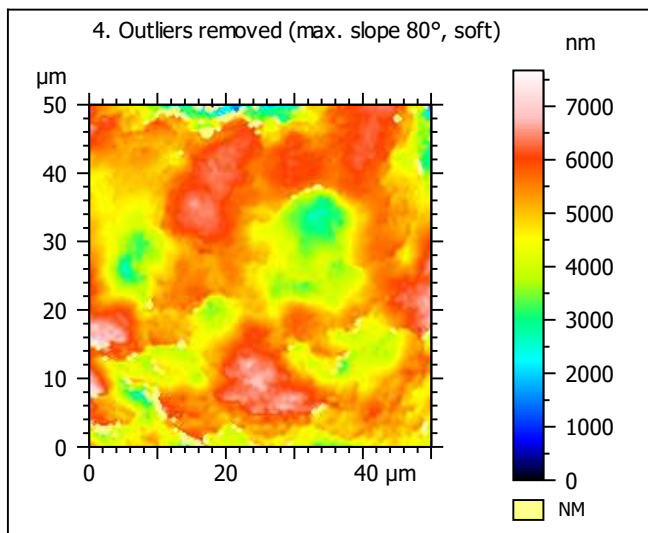
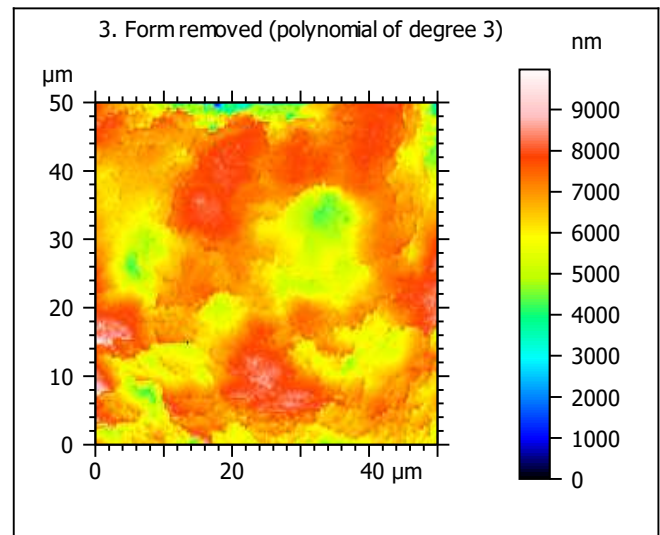


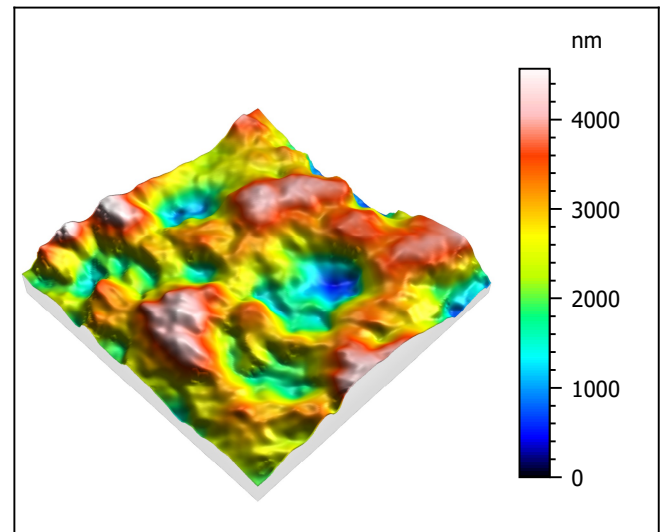
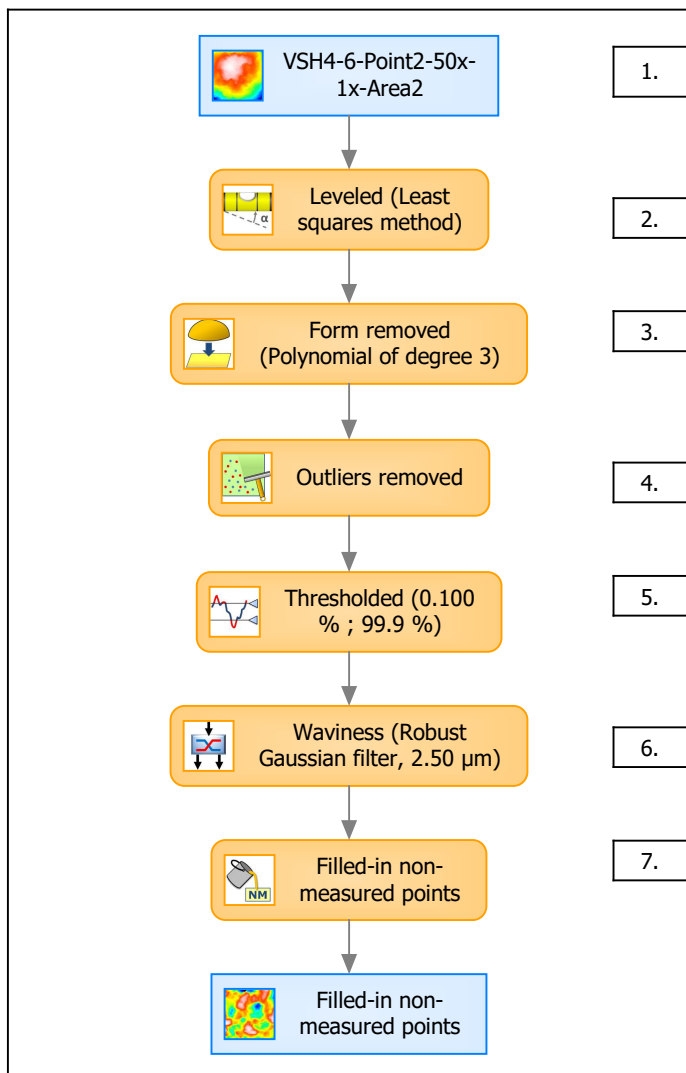
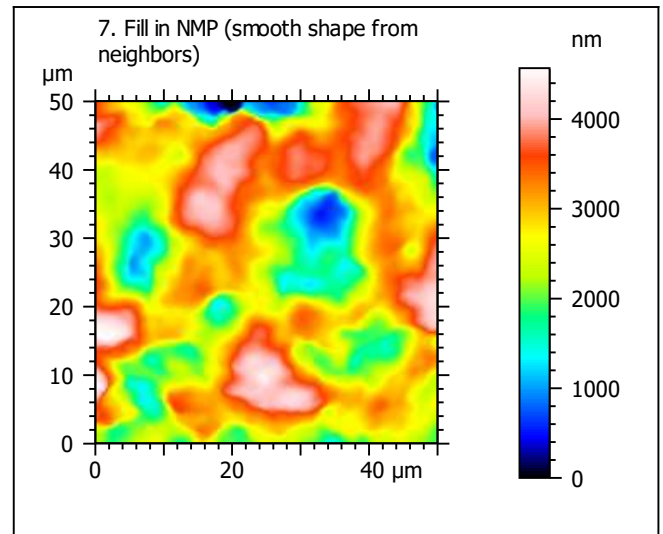
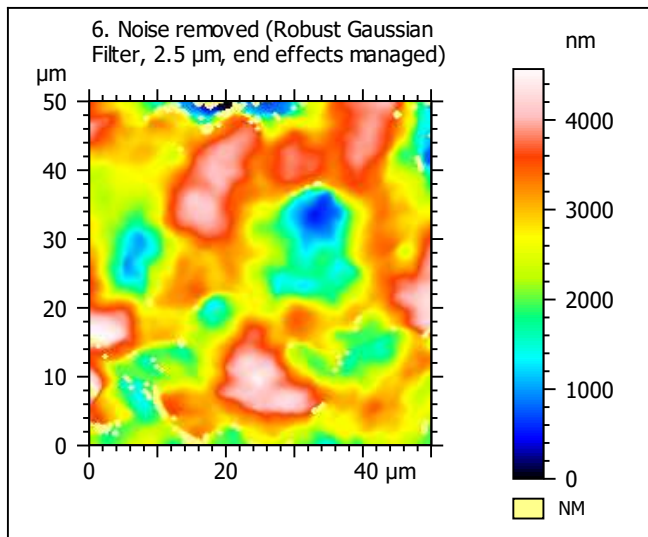
Template to process all extracted 50x50  $\mu\text{m}$  surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

## A. Processing



Identity card			
Name:	VSH4-6-Point2-50x-1x-Area2		
File path:	D:\Data\Ant...\VSH4-6-Point2-50x-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:	23170	nm	
Size:	11903	digits	
Spacing:	1.95	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-6-Point2-50x-1x-Area2 > Leveled (Least...		
<b>Axis:</b>	<b>X</b>		
Length:	50.0	$\mu\text{m}$	
Size:	201	points	
Spacing:	0.250	$\mu\text{m}$	
<b>Axis:</b>	<b>Y</b>		
Length:	50.0	$\mu\text{m}$	
Size:	201	points	
Spacing:	0.250	$\mu\text{m}$	
<b>Axis:</b>	<b>Z</b>		
Length:	4569	nm	
Size:	2347	digits	
Spacing:	1.95	nm	
NMP ratio:	0.00 % (0 Pts)		

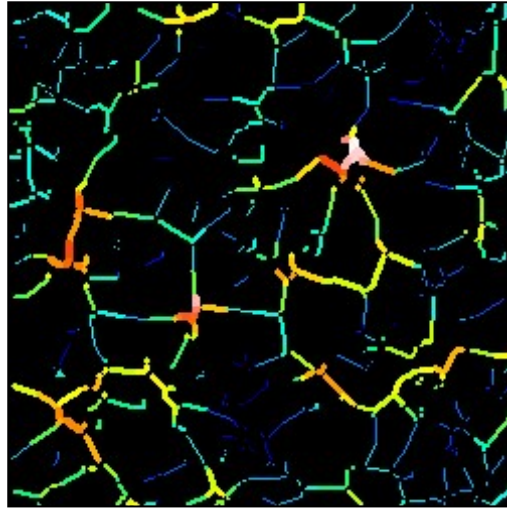
**Analyses:**  
**8. ISO 25178**  
**9. Furrow**  
**10. Texture isotropy and direction**  
**11. SSFA**

## B. Analyses

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

ISO 25178		
Height Parameters		
Sq	794	nm
Ssk	-0.375	
Sku	2.81	
Sp	1793	nm
Sv	2776	nm
Sz	4569	nm
Sa	639	nm
Functional Parameters		
Smr	17.1	%
Smc	1031	nm
Sxp	1782	nm
Spatial Parameters		
Sal	5.51	μm
Str	0.848	
Std	42.5	°
Hybrid Parameters		
Sdq	0.402	
Sdr	6.67	%
Functional Parameters (Volume)		
Vm	0.0216	μm <sup>3</sup> /μm <sup>2</sup>
Vv	1.05	μm <sup>3</sup> /μm <sup>2</sup>
Vmp	0.0216	μm <sup>3</sup> /μm <sup>2</sup>
Vmc	0.769	μm <sup>3</sup> /μm <sup>2</sup>
Vvc	0.954	μm <sup>3</sup> /μm <sup>2</sup>
Vvv	0.0978	μm <sup>3</sup> /μm <sup>2</sup>

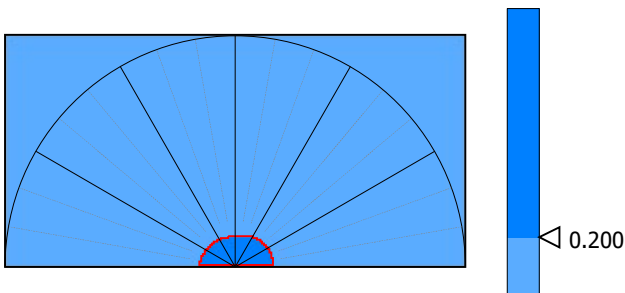
### 9. Furrow analysis surface #7



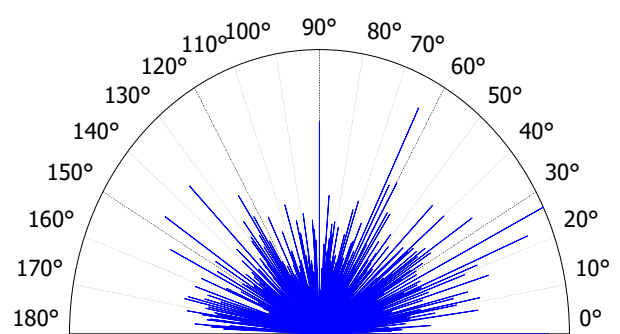
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	1978	nm
Mean depth of furrows	681	nm
Mean density of furrows	2384	cm/cm2

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



Parameters	Value	Unit
Isotropy	77.5	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	°



Parameters	Value	Unit
Isotropy	84.8	%
First Direction	26.5	°
Second Direction	0.234	°
Third Direction	63.5	°

