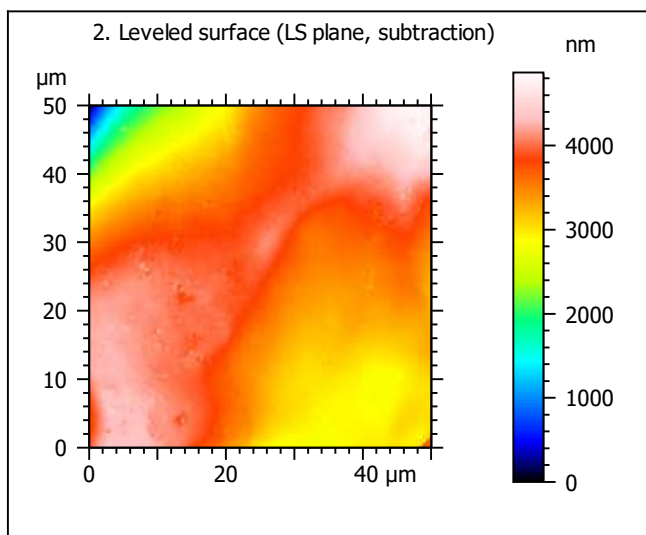
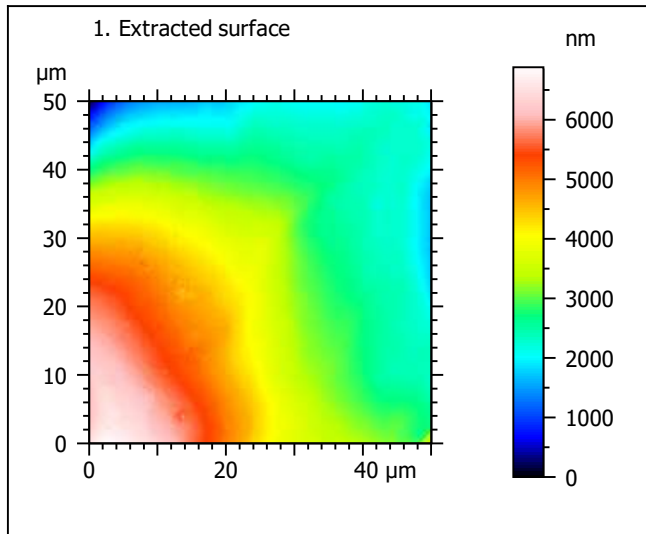
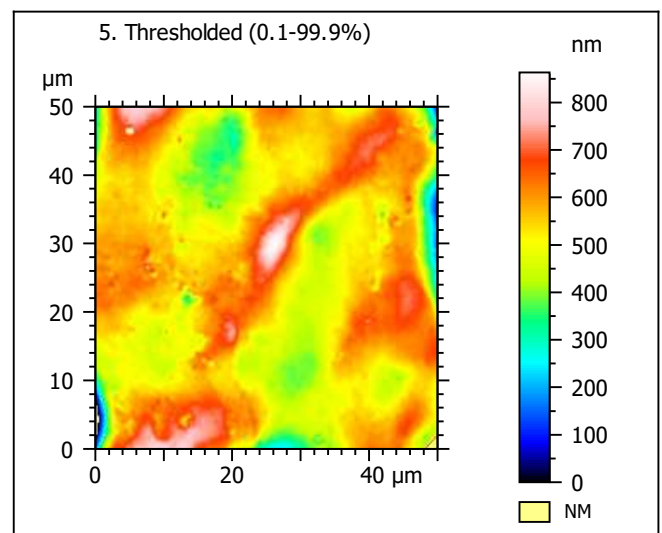
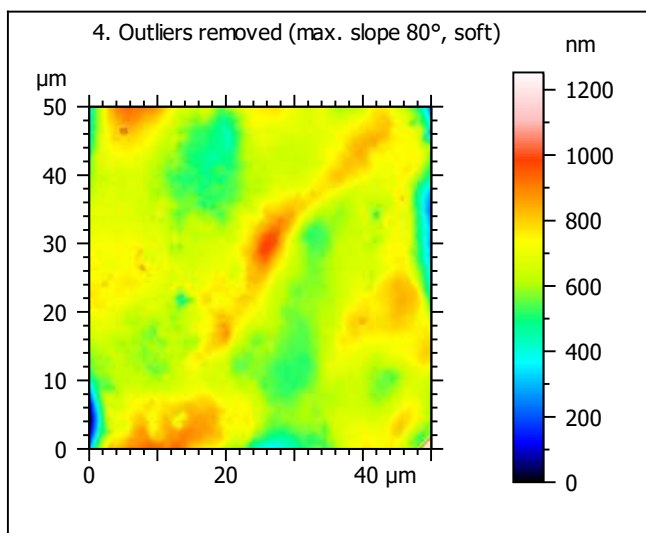
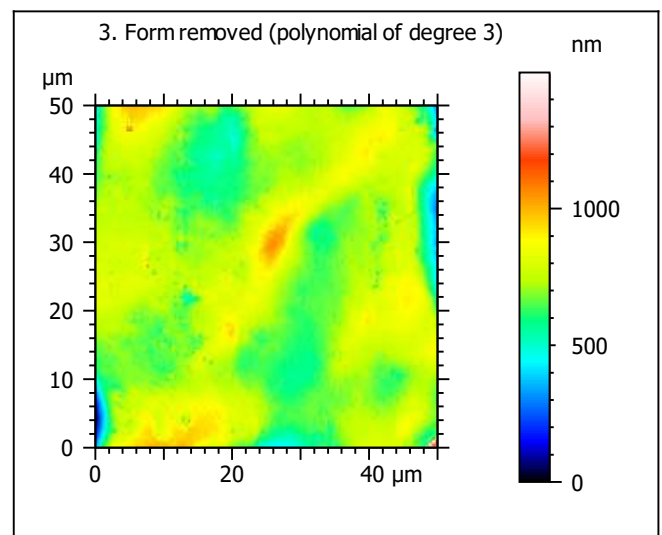


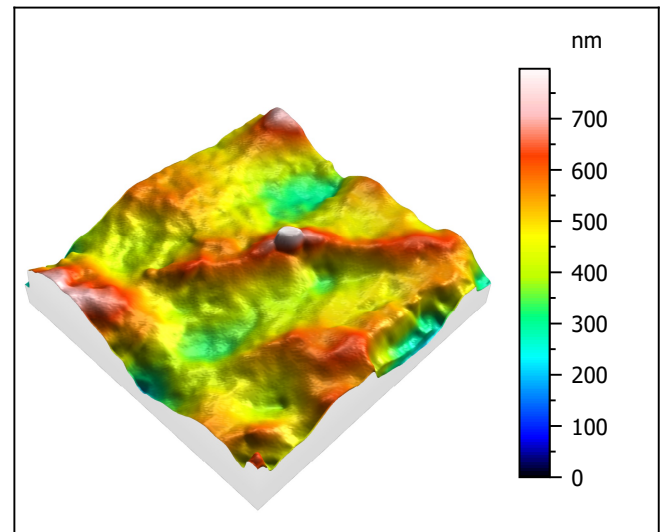
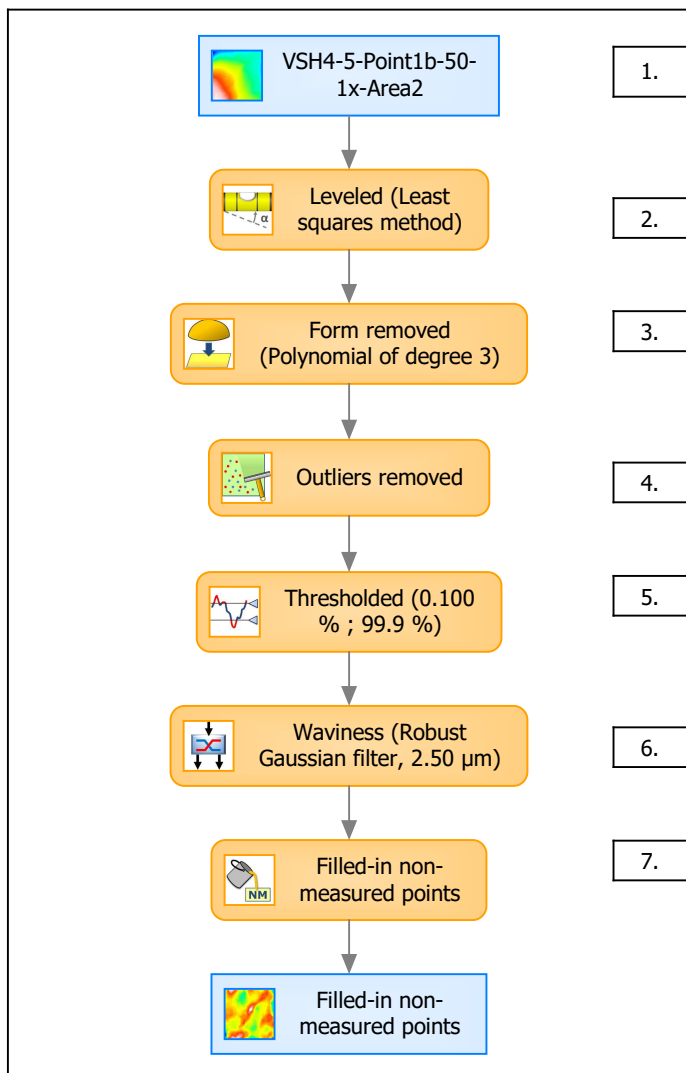
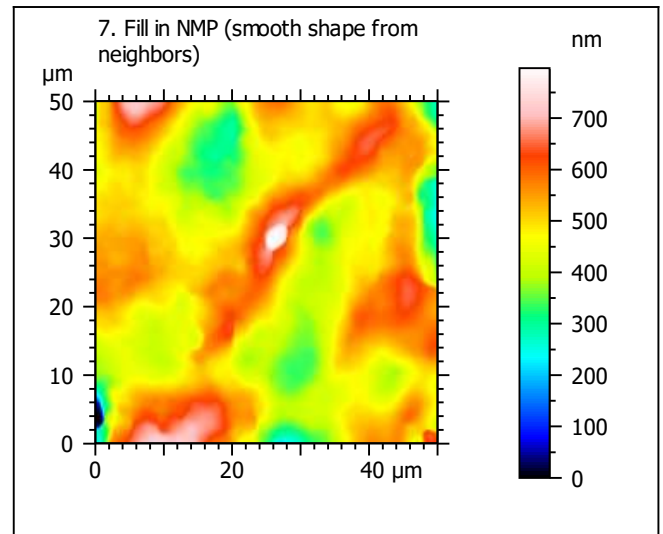
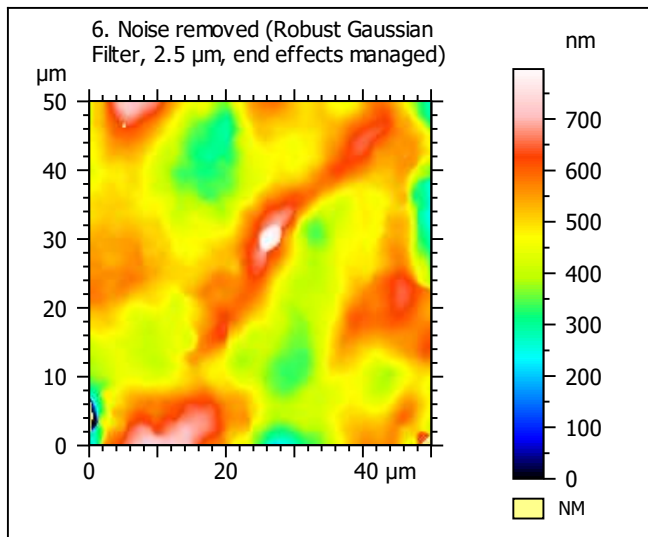
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-5-Point1b-50-1x-Area2		
File path:	D:\Data\Ant...\VSH4-5-Point1b-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:	6883	nm	
Size:	4066	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-5-Point1b-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:	797	nm	
Size:	471	digits	
Spacing:	1.69	nm	
NMP ratio:	0.00 % (0 Pts)		

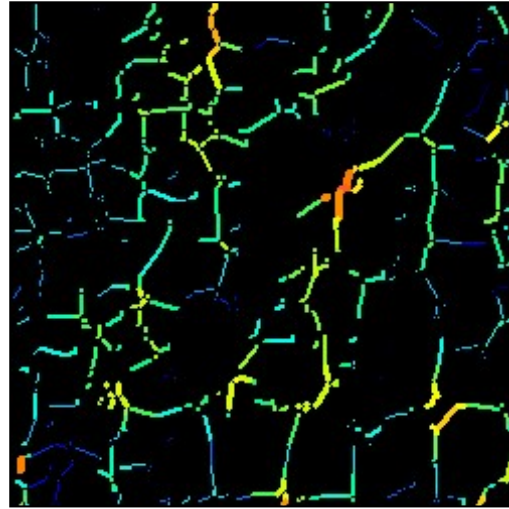
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	89.8	nm
Ssk	-0.207	
Sku	4.06	
Sp	308	nm
Sv	489	nm
Sz	797	nm
Sa	70.2	nm
Functional Parameters		
Smr	100	%
Smc	109	nm
Sxp	178	nm
Spatial Parameters		
Sal	4.48	μm
Str	0.455	
Std	39.3	$^{\circ}$
Hybrid Parameters		
Sdq	0.0439	
Sdr	0.0946	%
Functional Parameters (Volume)		
Vm	0.00461	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.113	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.00461	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.0801	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.103	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0104	$\mu\text{m}^3/\mu\text{m}^2$

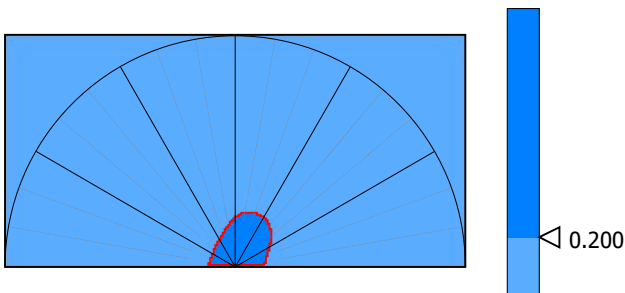
9. Furrow analysis surface #7



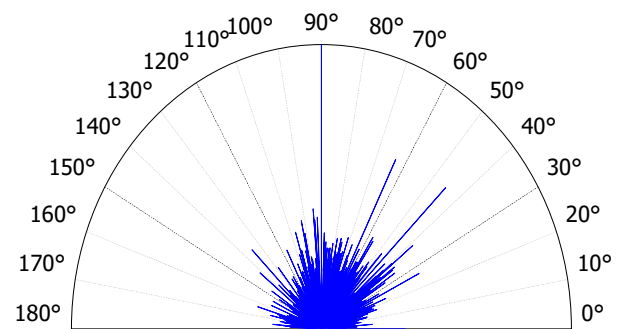
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	188	nm
Mean depth of furrows	78.0	nm
Mean density of furrows	1947	cm/cm2

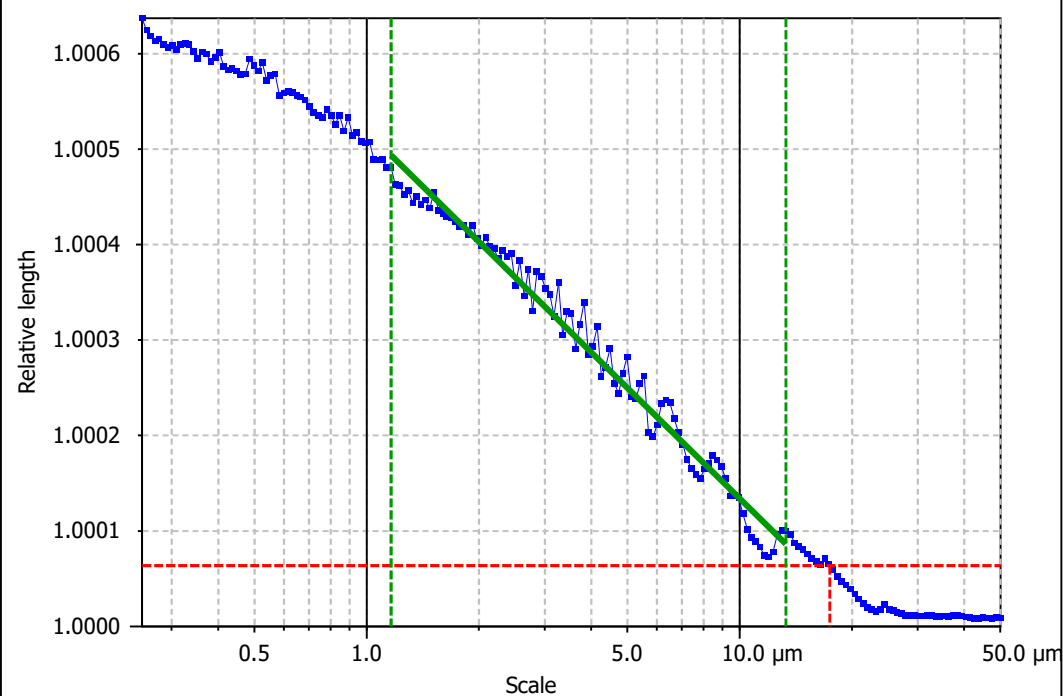
10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	45.4	%
Periodicity	*****	%
Period	*****	μm
Direction of period	*****	$^{\circ}$



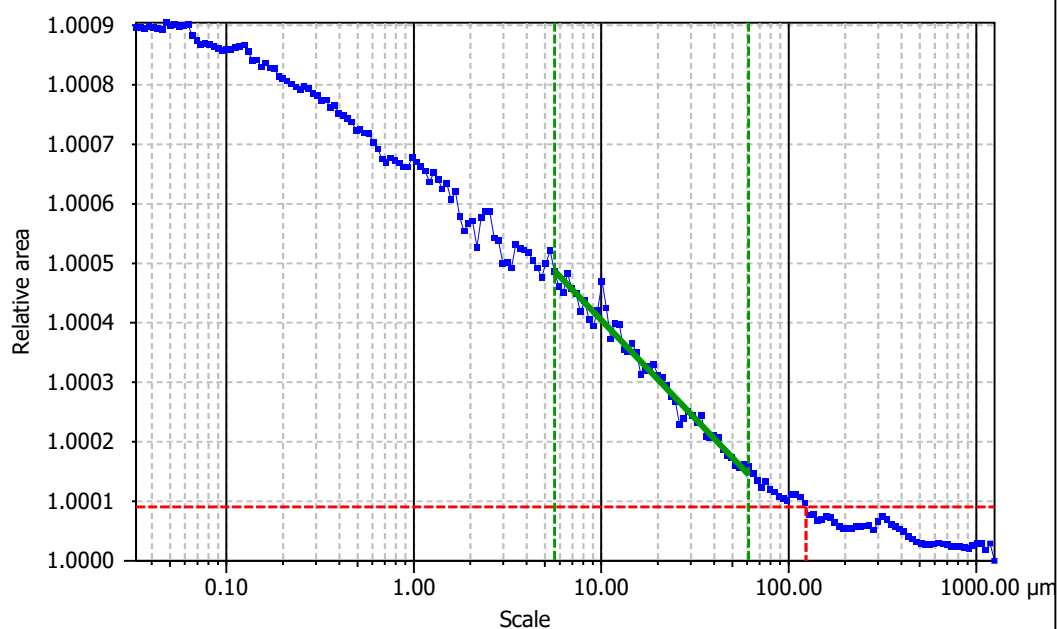
Parameters	Value	Unit
Isotropy	45.5	%
First Direction	90.0	$^{\circ}$
Second Direction	45.0	$^{\circ}$
Third Direction	63.5	$^{\circ}$

**Information**

Method Length-scale (rows)

Parameters

Value	Unit	Comment
epLsar	0.017	(1.8 μm , 5°)

**Information**

Method Area-scale (four corners)

Parameters

Value	Unit	Comment
Asfc	0.144	
Smfc	20.0 μm^2	
HAsfc9	0.588	(3x3)
HAsfc81	1.21	(9x9)