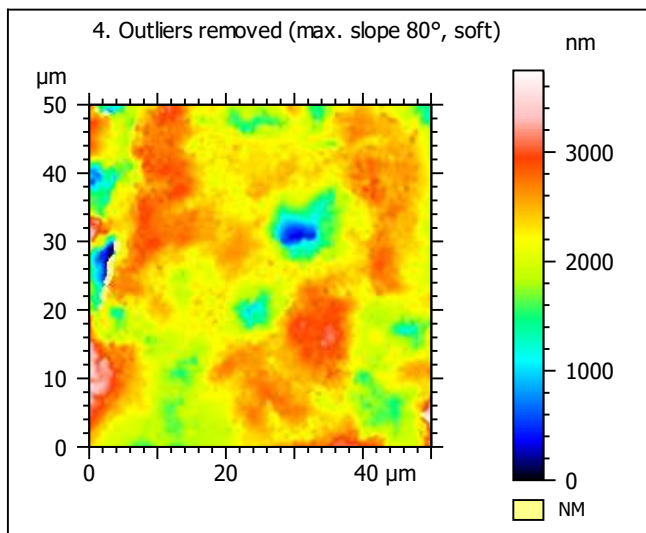
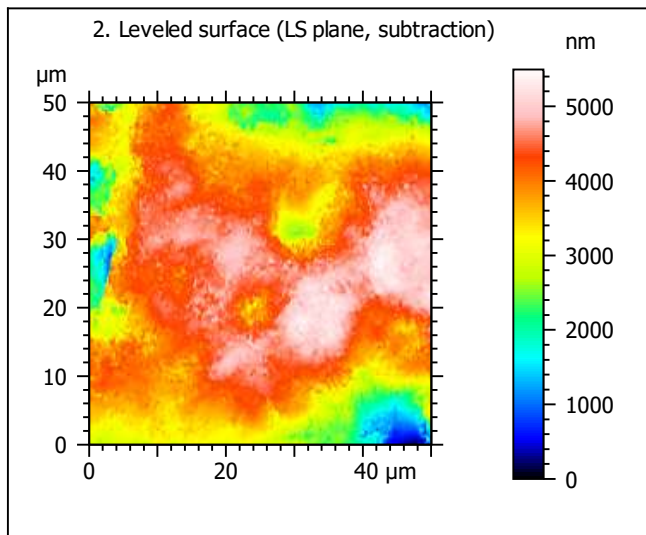
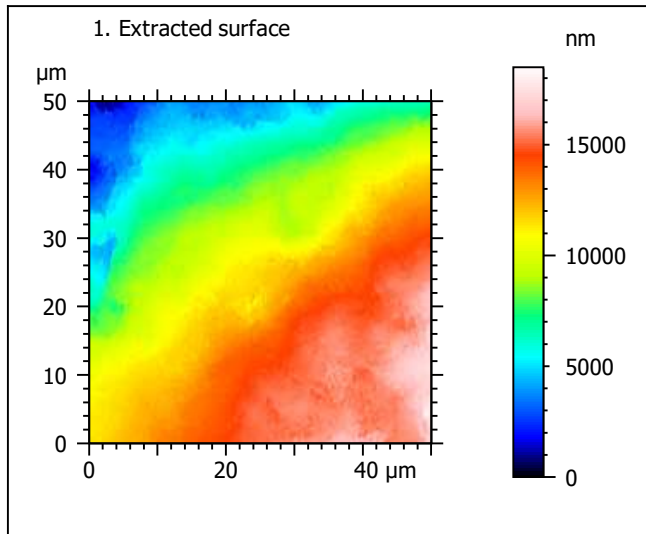
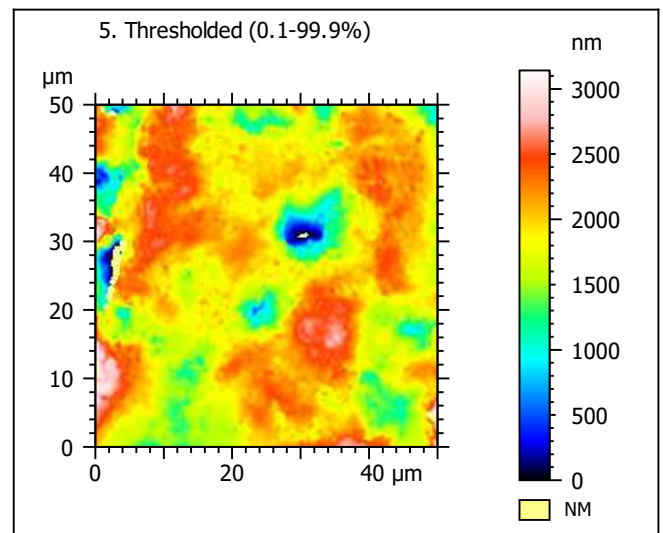
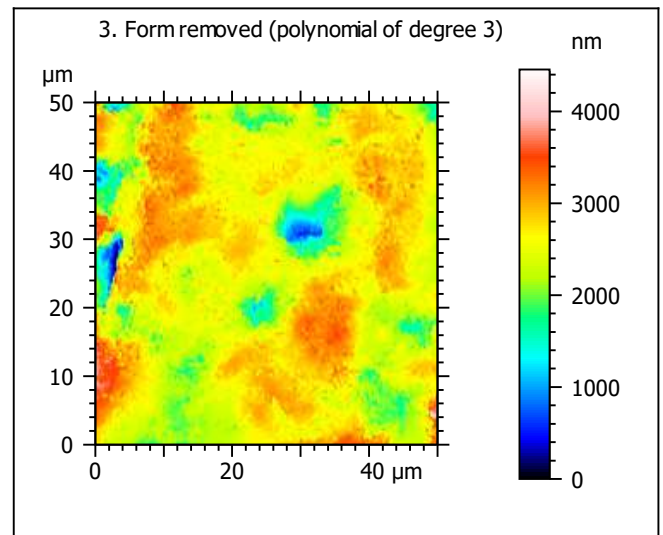


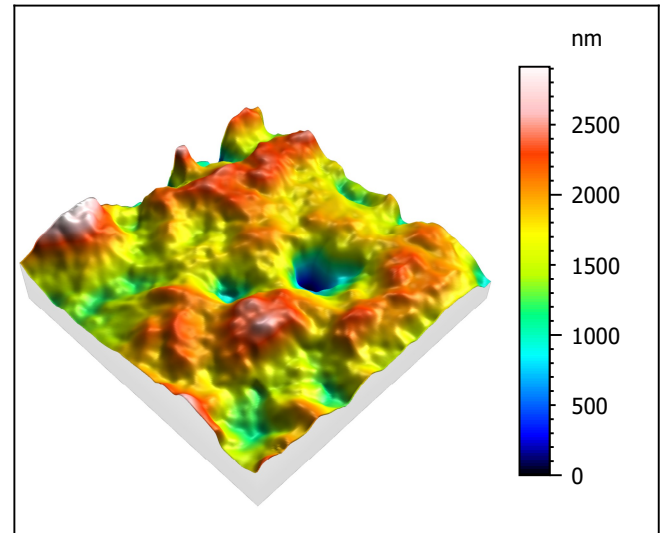
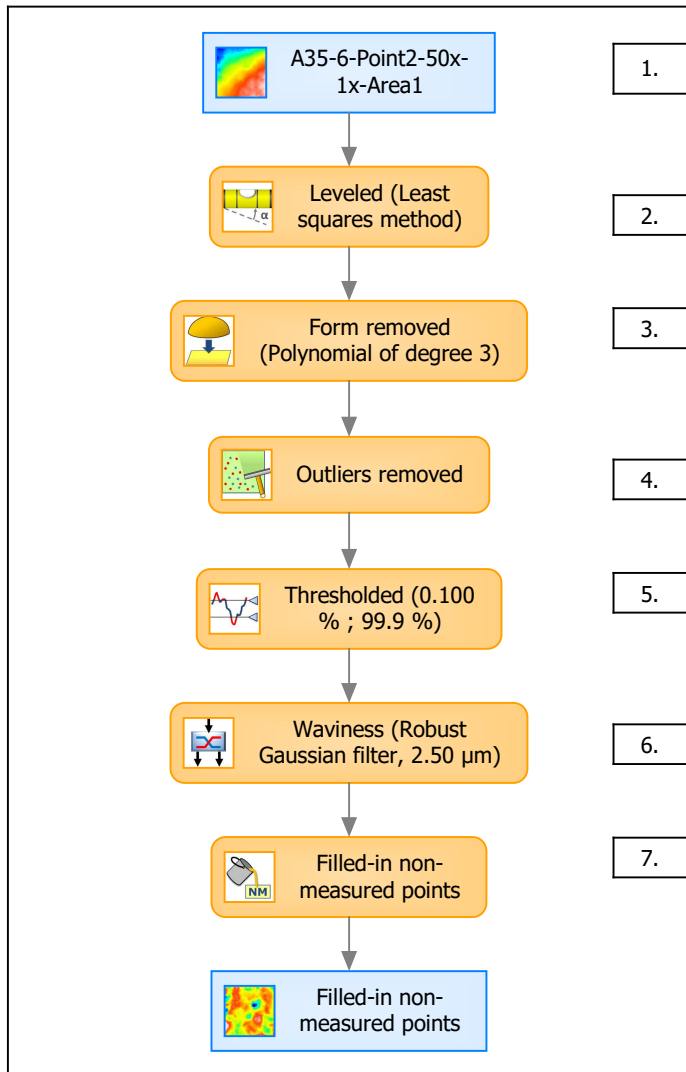
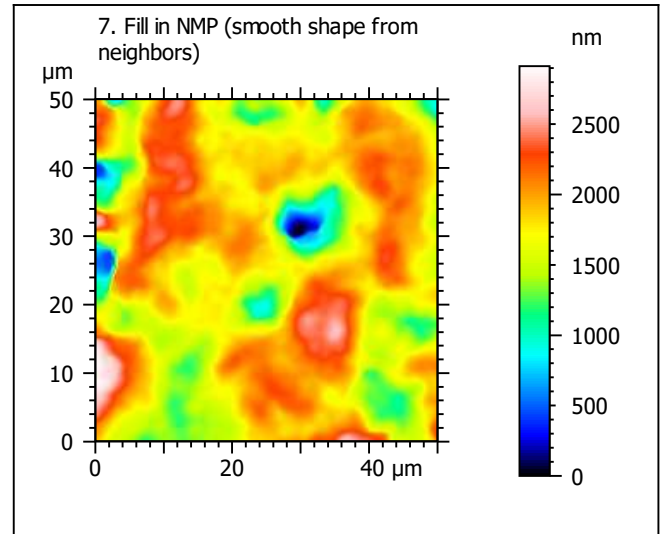
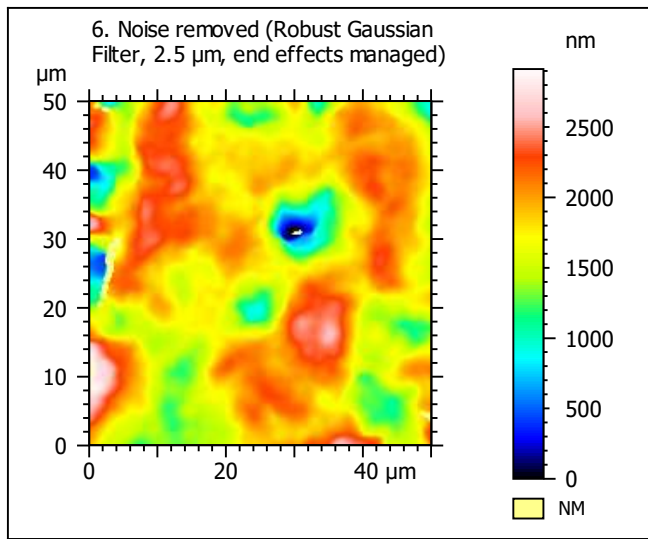
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	A35-6-Point2-50x-1x-Area1		
File path:	D:\Data\Anto\...\A35-6-Point2-50x-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:	18490	nm	
Size:	16162	digits	
Spacing:	1.14	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	A35-6-Point2-50x-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:	2913	nm	
Size:	2546	digits	
Spacing:	1.14	nm	
NMP ratio:	0.00 % (0 Pts)		

Analyses:

8. ISO 25178

9. Furrow

10. Texture isotropy and direction

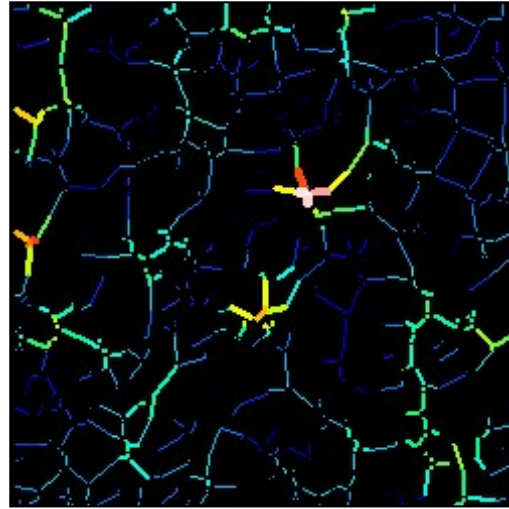
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	379	nm
Ssk	-0.632	
Sku	4.36	
Sp	1133	nm
Sv	1780	nm
Sz	2913	nm
Sa	292	nm
Functional Parameters		
Smr	38.1	%
Smc	450	nm
Sxp	872	nm
Spatial Parameters		
Sal	4.76	μm
Str	0.709	
Std	138	$^{\circ}$
Hybrid Parameters		
Sdq	0.199	
Sdr	1.80	%
Functional Parameters (Volume)		
Vm	0.0139	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.464	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0139	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.326	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.411	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.053	$\mu\text{m}^3/\mu\text{m}^2$

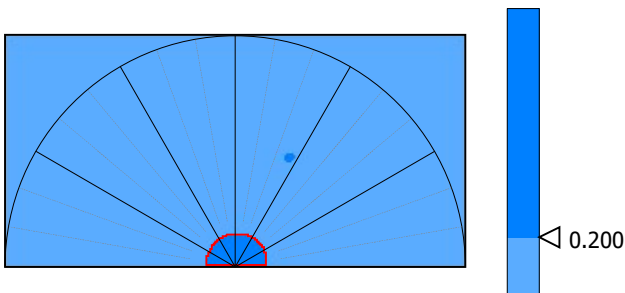
9. Furrow analysis surface #7



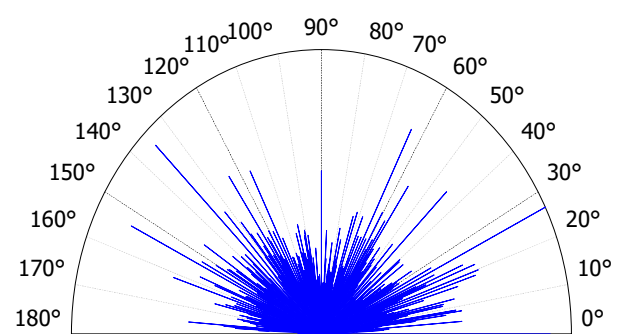
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	1364	nm
Mean depth of furrows	312	nm
Mean density of furrows	2643	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	86.9	%
Periodicity	20.7	%
Period	13.1	μm
Direction of period	64.2	$^{\circ}$



Parameters	Value	Unit
Isotropy	70.9	%
First Direction	26.5	$^{\circ}$
Second Direction	135	$^{\circ}$
Third Direction	0.220	$^{\circ}$

