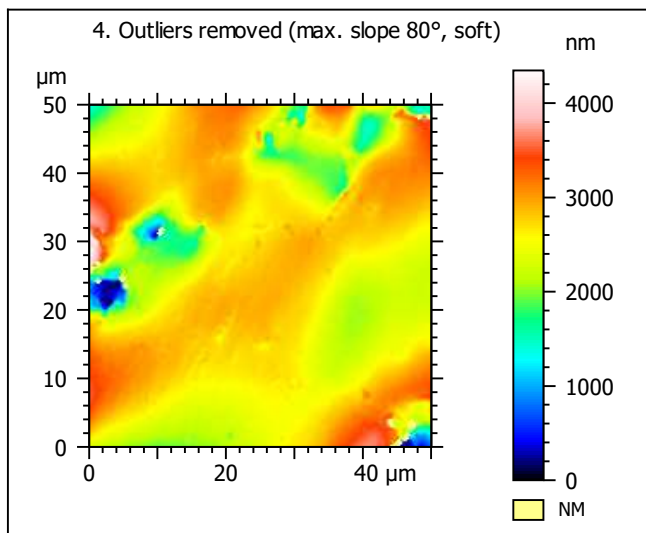
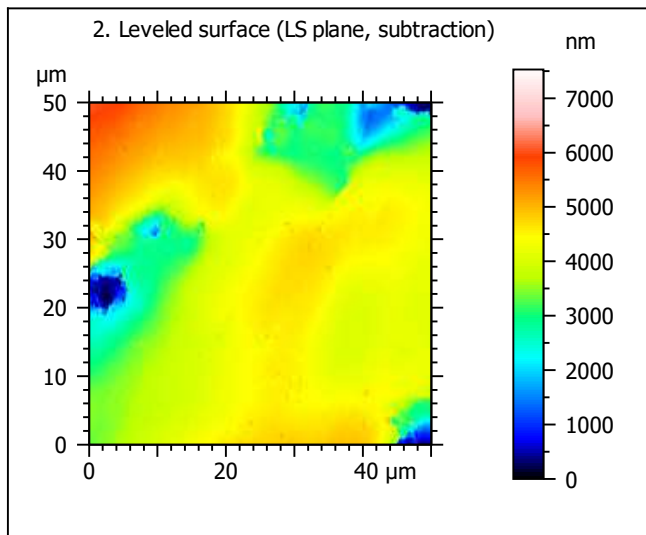
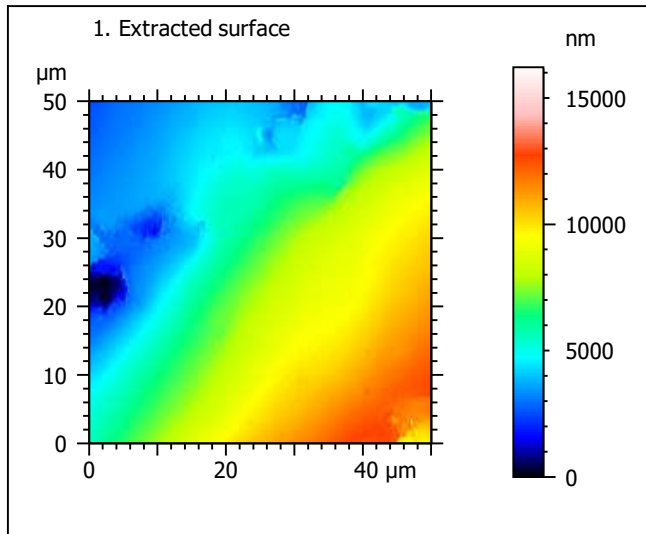
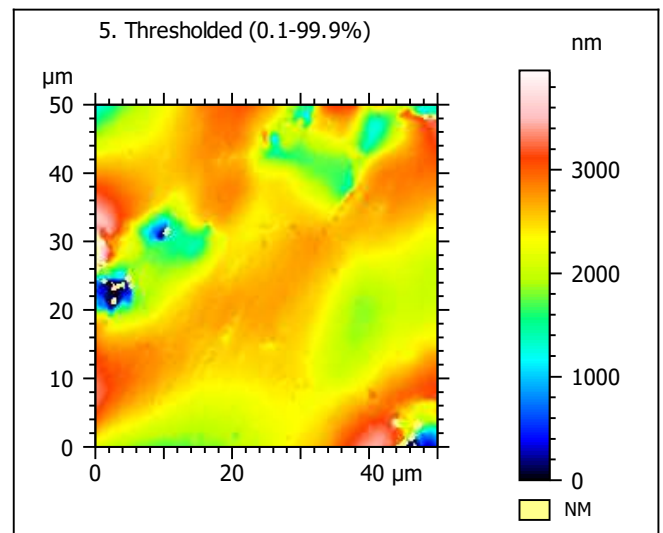
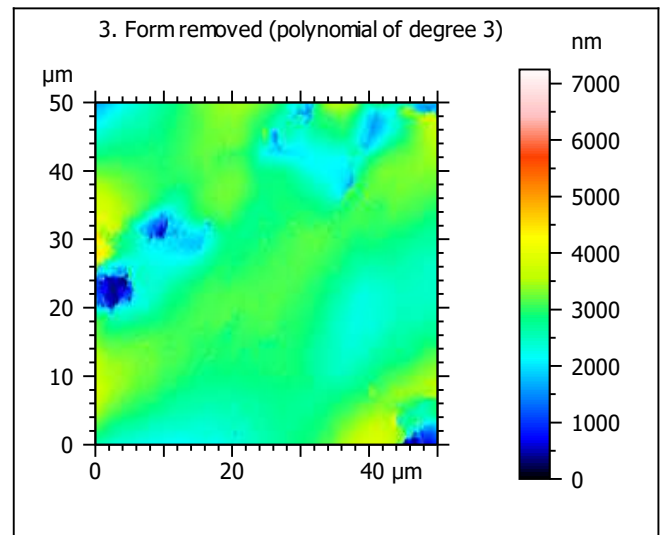


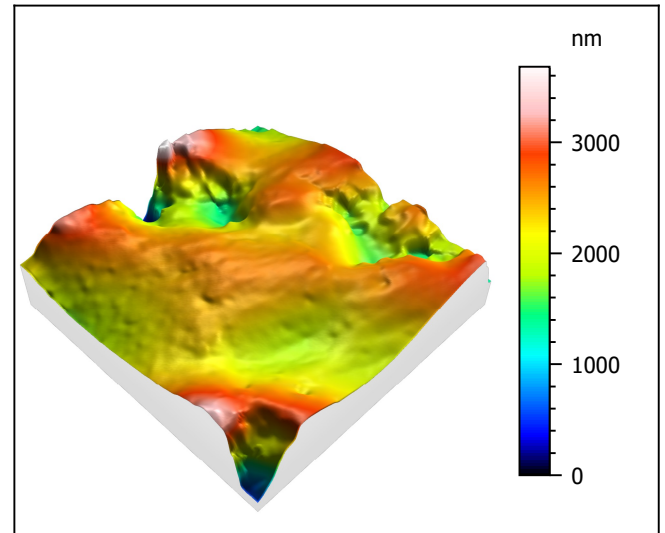
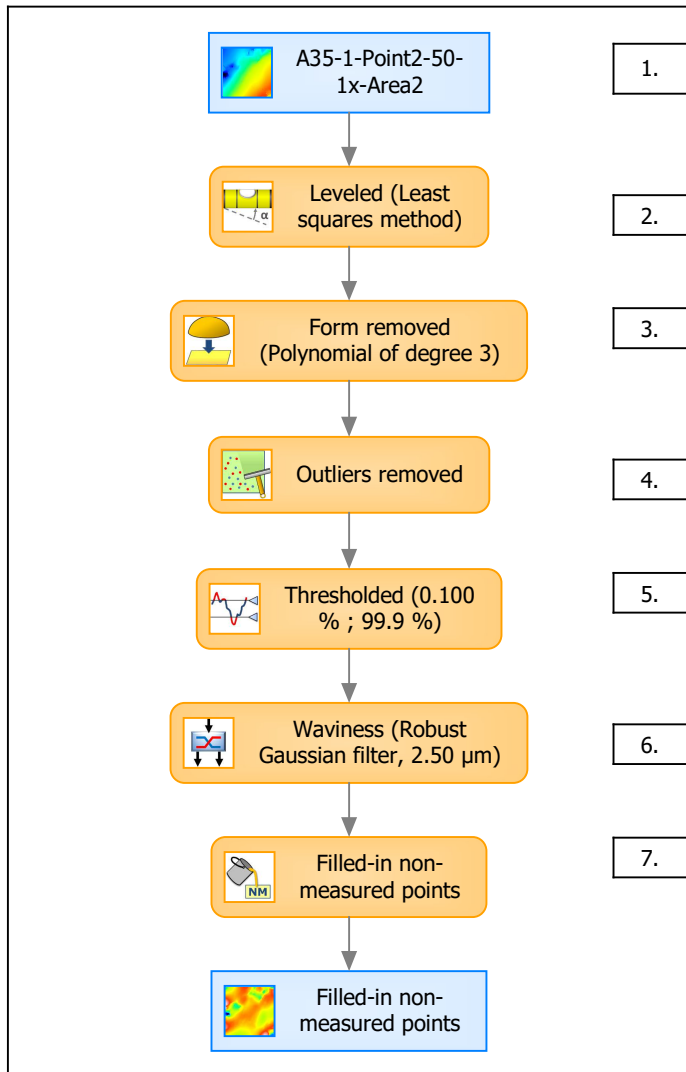
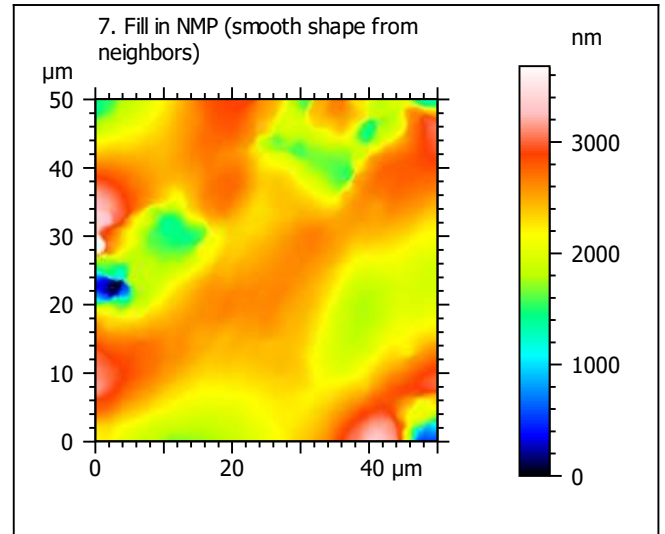
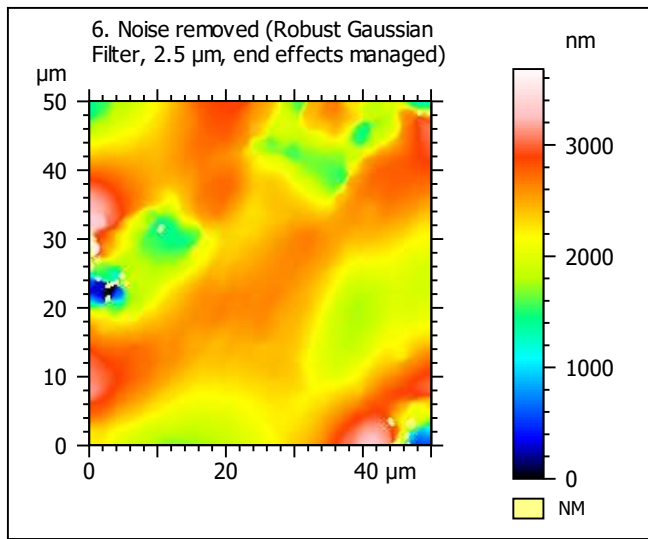
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	A35-1-Point2-50-1x-Area2		
File path:	D:\Data\Anto\A...\A35-1-Point2-50-1x-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:	16214	nm	
Size:	14031	digits	
Spacing:	1.16	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	A35-1-Point2-50-1x-Area2 > Levelled (Least s...		
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:	3682	nm	
Size:	3186	digits	
Spacing:	1.16	nm	
NMP ratio:	0.00 % (0 Pts)		

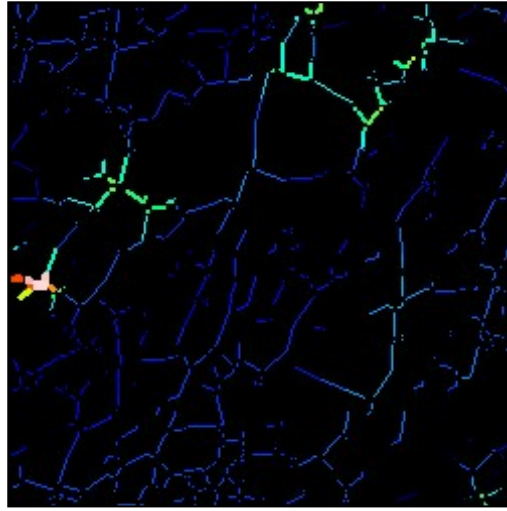
Analyses:
8. ISO 25178
9. Furrow
10. Texture isotropy and direction
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	397	nm
Ssk	-0.898	
Sku	6.13	
Sp	1369	nm
Sv	2312	nm
Sz	3682	nm
Sa	303	nm
Functional Parameters		
Smr	13.7	%
Smc	431	nm
Sxp	858	nm
Spatial Parameters		
Sal	4.84	μm
Str	0.172	
Std	51.2	$^{\circ}$
Hybrid Parameters		
Sdq	0.203	
Sdr	1.66	%
Functional Parameters (Volume)		
Vm	0.0177	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.449	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0177	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.356	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.398	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0507	$\mu\text{m}^3/\mu\text{m}^2$

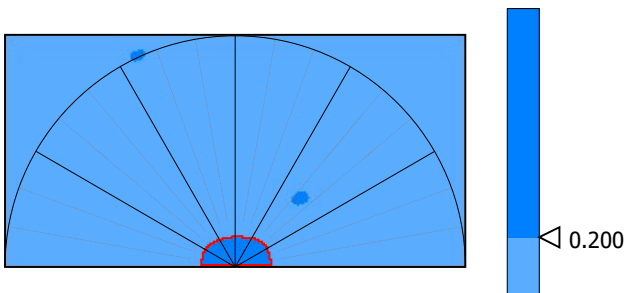
9. Furrow analysis surface #7



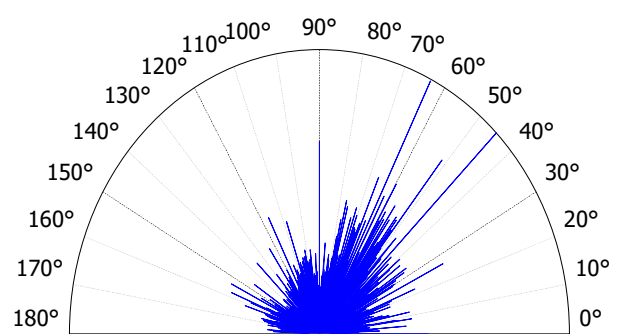
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	1560	nm
Mean depth of furrows	264	nm
Mean density of furrows	2106	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	77.8	%
Periodicity	21.1	%
Period	25.1	μm
Direction of period	115	$^{\circ}$



Parameters	Value	Unit
Isotropy	17.2	%
First Direction	45.0	$^{\circ}$
Second Direction	63.5	$^{\circ}$
Third Direction	51.2	$^{\circ}$

