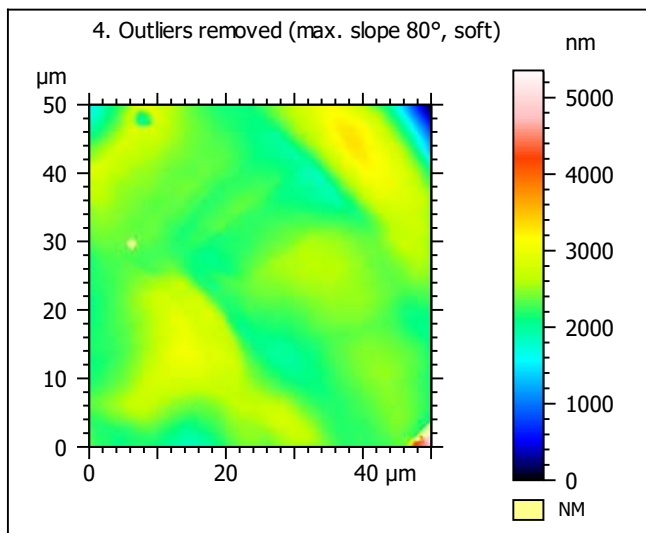
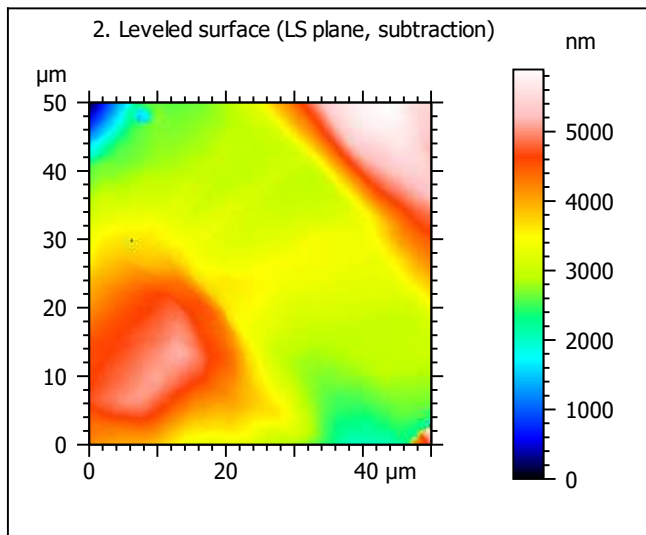
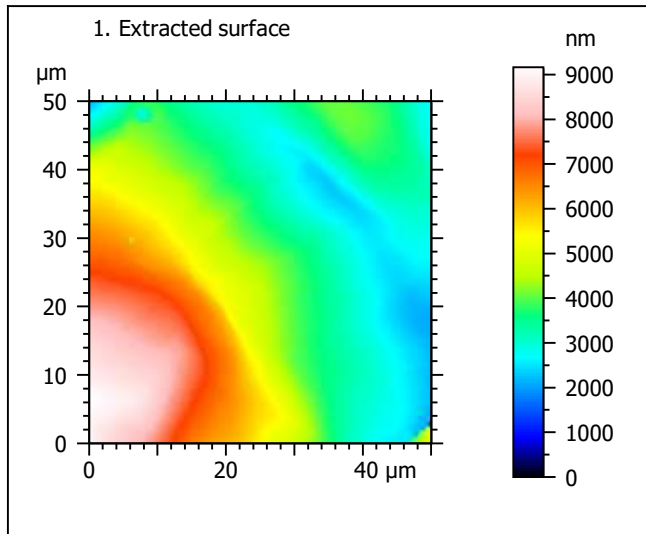
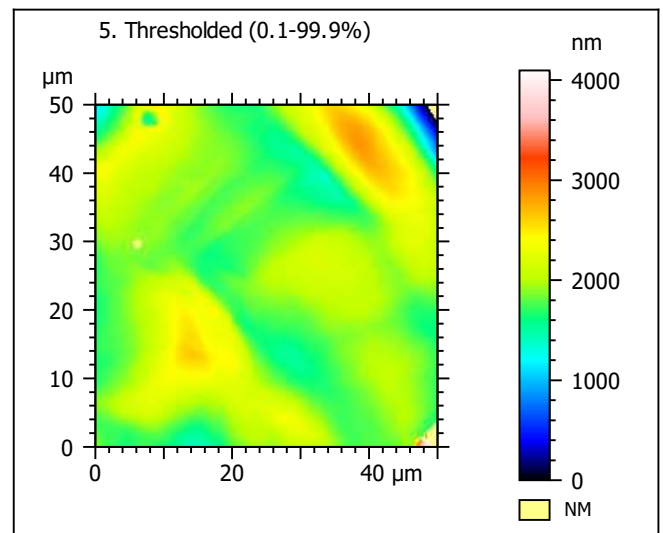
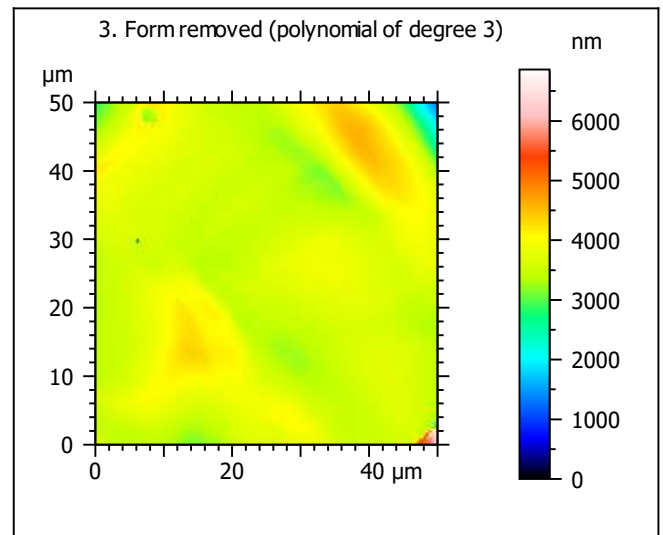


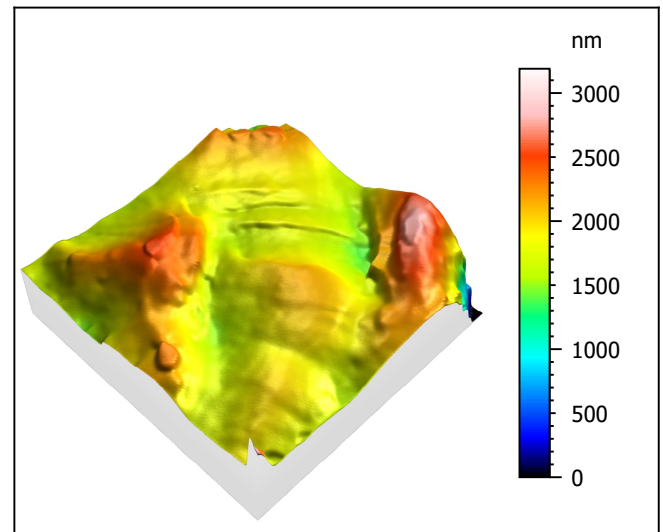
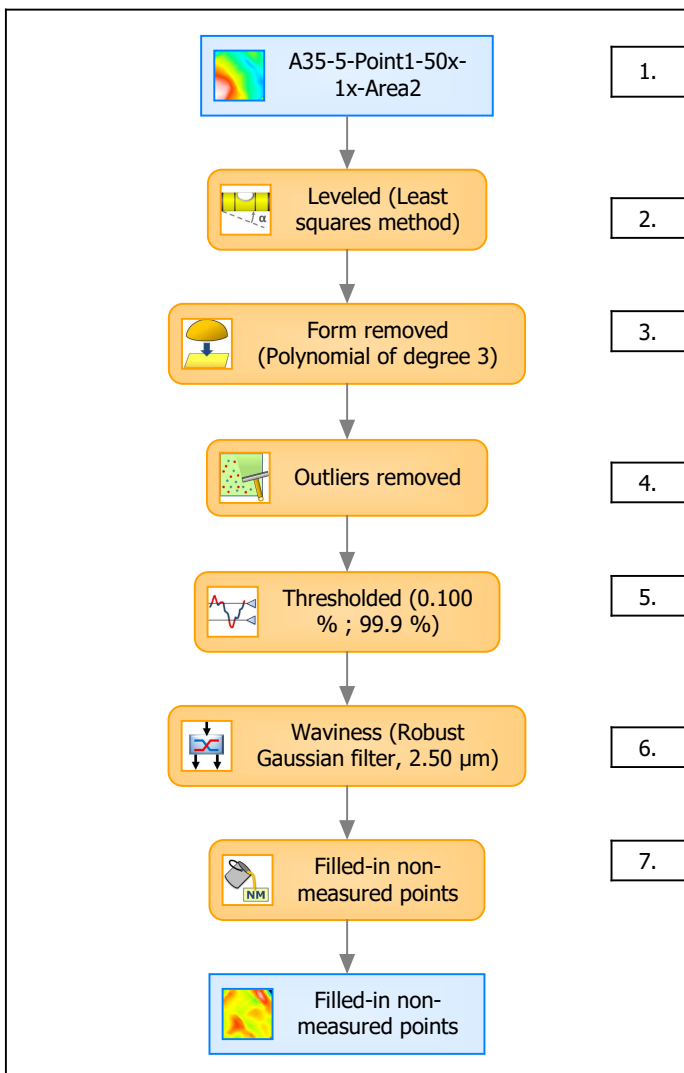
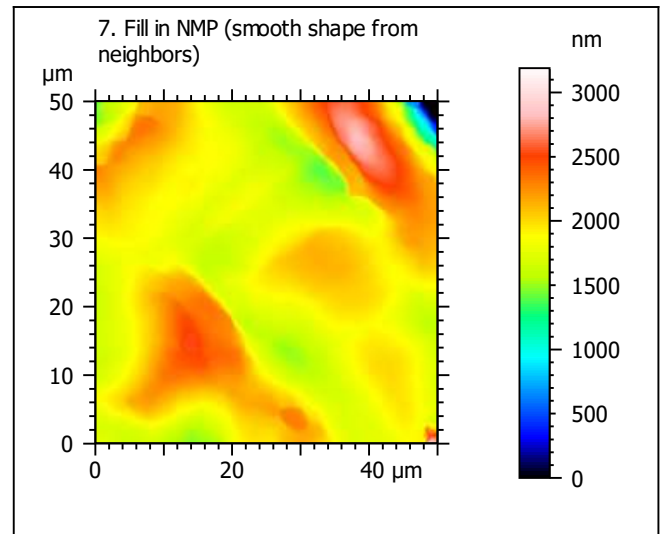
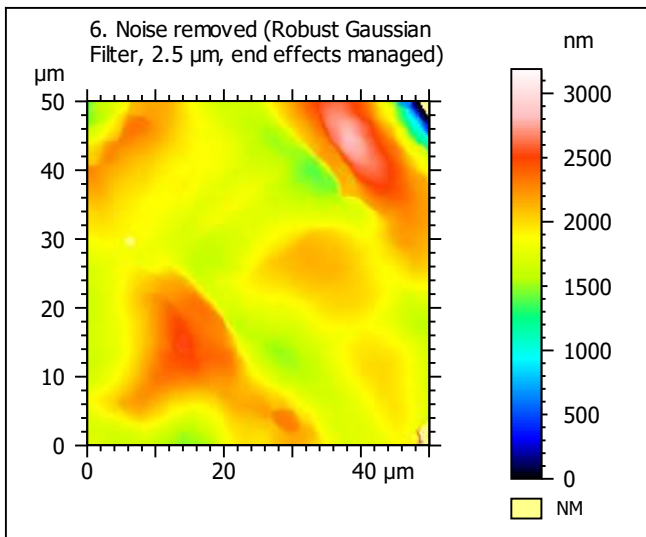
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	A35-5-Point1-50x-1x-Area2		
File path:	D:\Data\Anto\...\A35-5-Point1-50x-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:	9164	nm	
Size:	7002	digits	
Spacing:	1.31	nm	
NMP ratio:	0.00 % (0 Pts)		





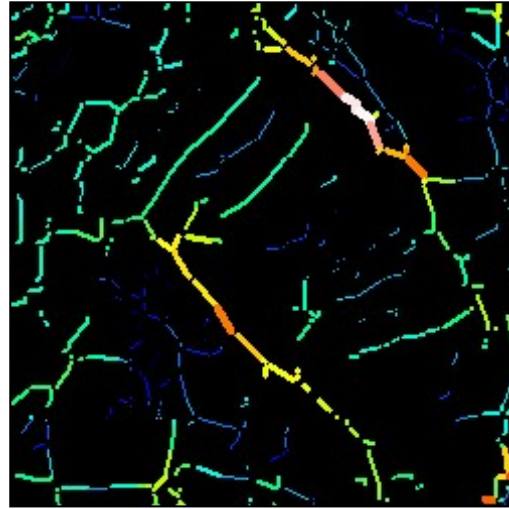
Identity card			
Name:	A35-5-Point1-50x-1x-Area2 > Levelled (Least...		
Axis:	X		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Y		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Z		
Length:	3189	nm	
Size:	2437	digits	
Spacing:	1.31	nm	
NMP ratio:	0.00 % (0 Pts)		

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	283	nm
Ssk	-0.509	
Sku	9.13	
Sp	1268	nm
Sv	1921	nm
Sz	3189	nm
Sa	207	nm
Functional Parameters		
Smr	15.3	%
Smc	357	nm
Sxp	380	nm
Spatial Parameters		
Sal	4.99	μm
Str	0.341	
Std	129	$^{\circ}$
Hybrid Parameters		
Sdq	0.126	
Sdr	0.707	%
Functional Parameters (Volume)		
Vm	0.0171	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.374	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0171	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.212	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.347	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0273	$\mu\text{m}^3/\mu\text{m}^2$

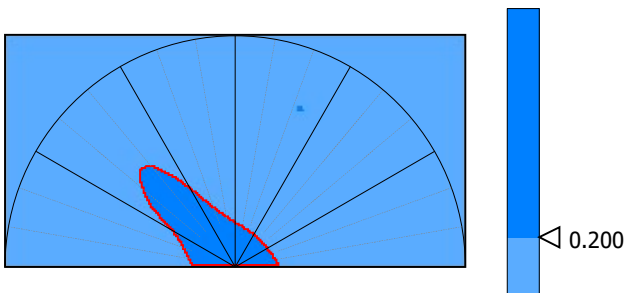
9. Furrow analysis surface #7



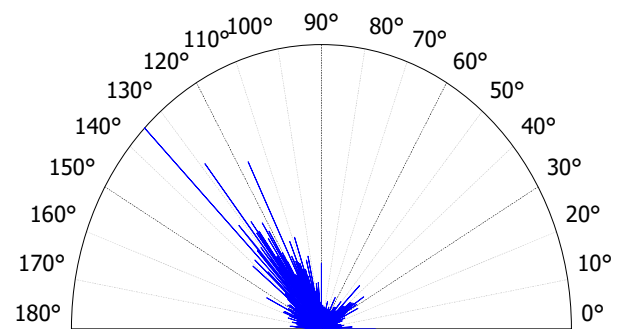
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	602	nm
Mean depth of furrows	185	nm
Mean density of furrows	1849	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	25.7	%
Periodicity	20.1	%
Period	18.4	μm
Direction of period	68.1	$^{\circ}$



Parameters	Value	Unit
Isotropy	34.1	%
First Direction	135	$^{\circ}$
Second Direction	129	$^{\circ}$
Third Direction	117	$^{\circ}$

