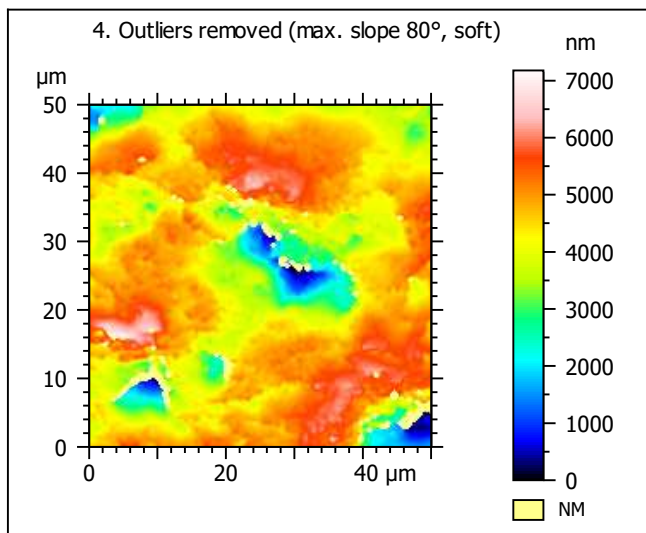
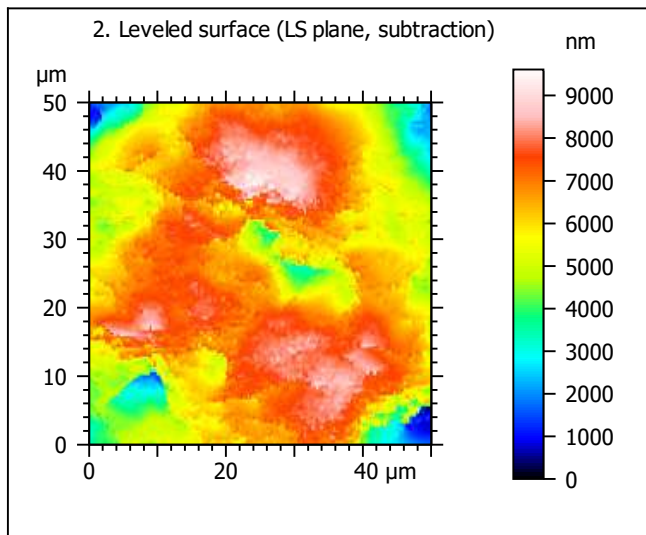
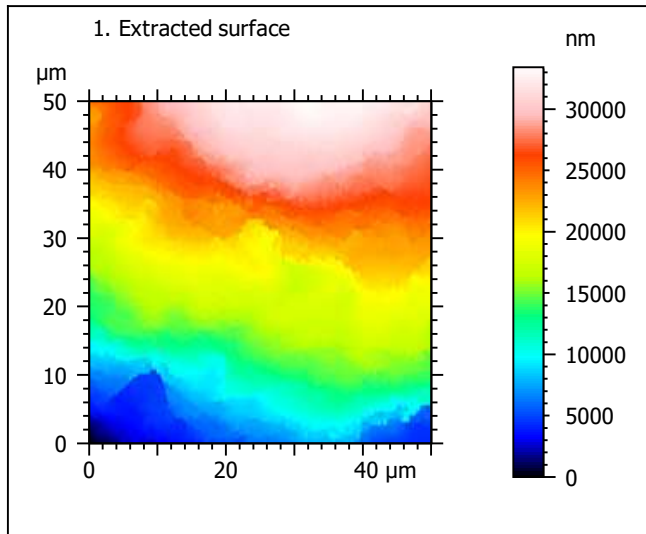
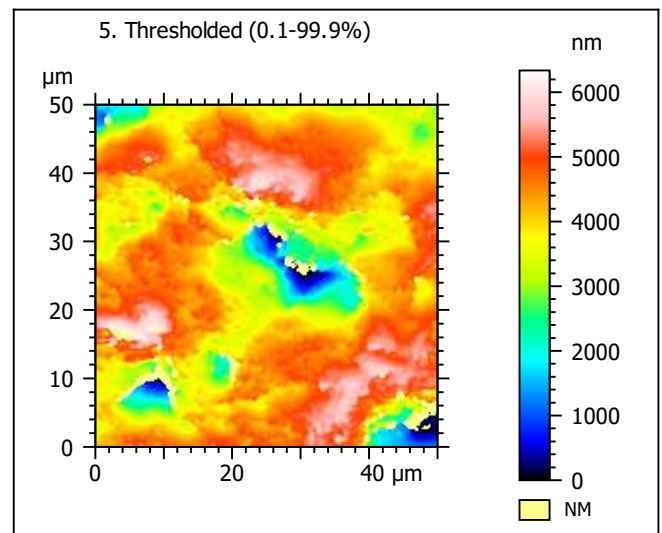
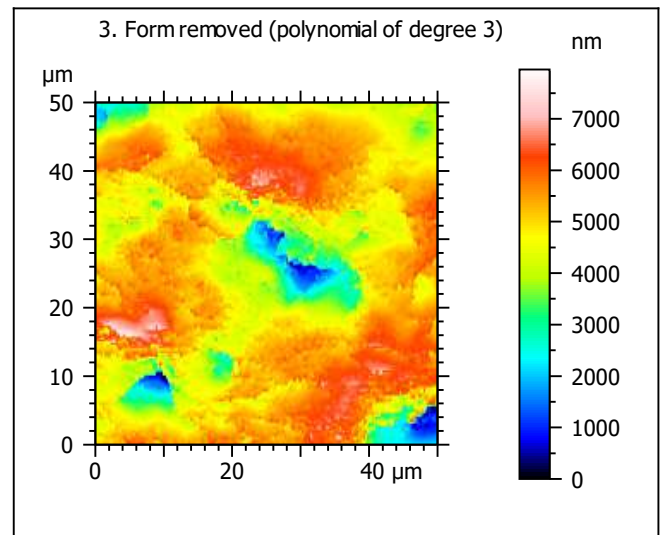


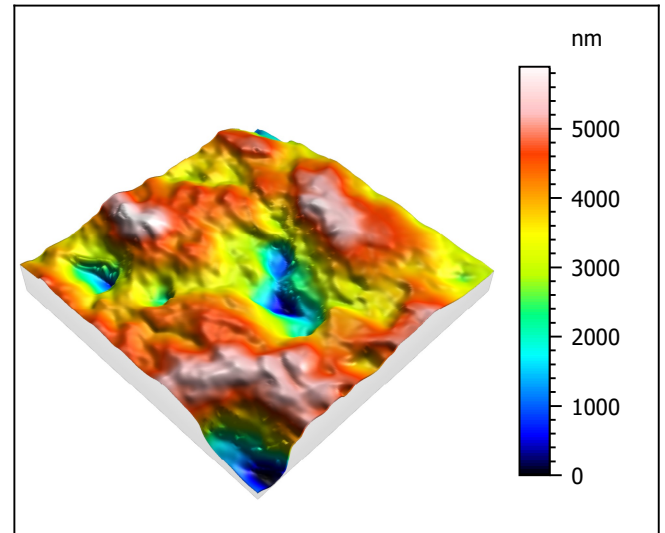
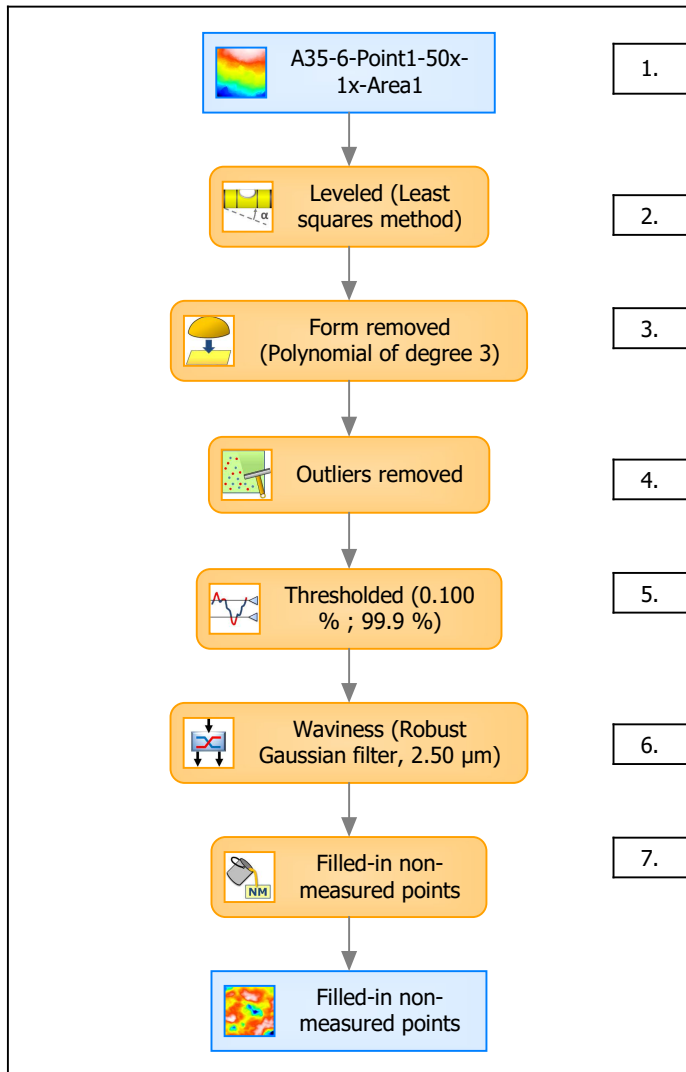
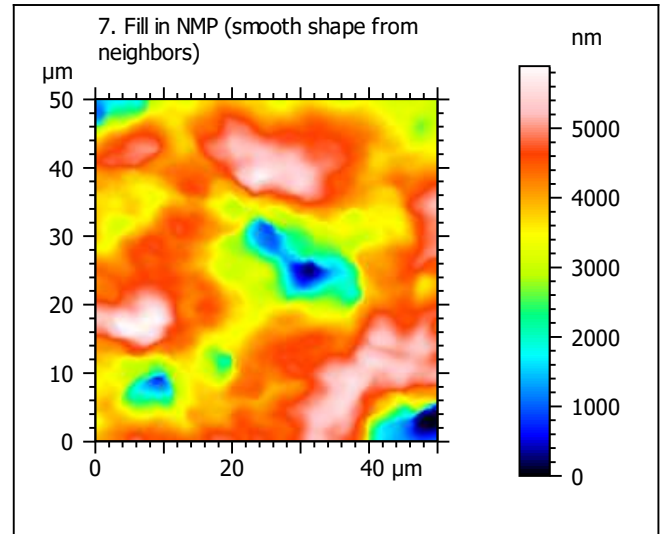
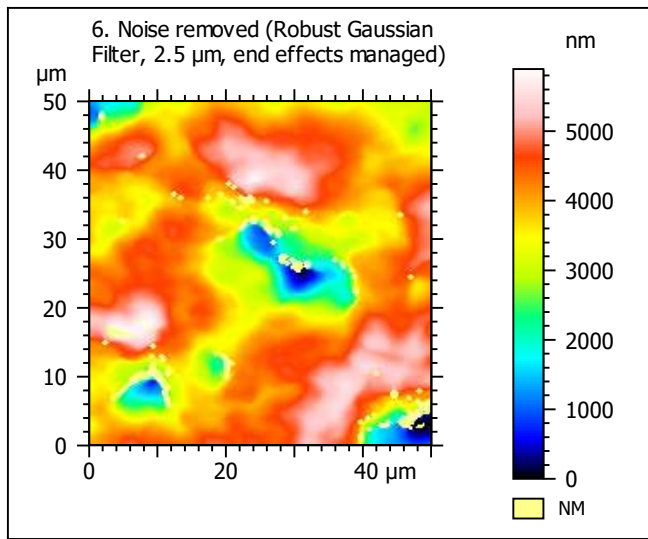
Template to process all extracted 50x50  $\mu\text{m}$  surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

## A. Processing



Identity card			
Name:	A35-6-Point1-50x-1x-Area1		
File path:	D:\Data\Anto\...\A35-6-Point1-50x-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:	33406	nm	
Size:	19553	digits	
Spacing:	1.71	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	A35-6-Point1-50x-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:	5894	nm	
Size:	3450	digits	
Spacing:	1.71	nm	
NMP ratio:	0.00 % (0 Pts)		

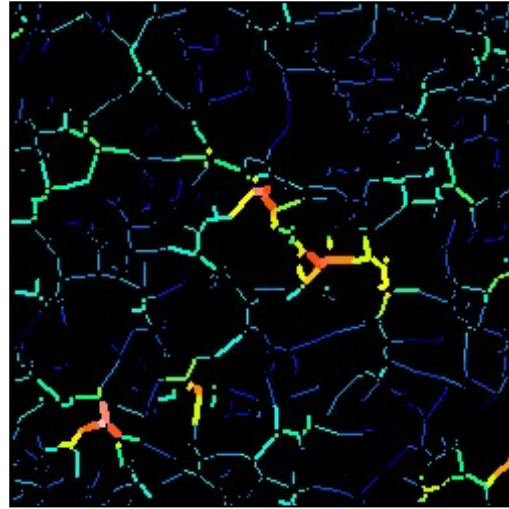
**Analyses:**  
**8. ISO 25178**  
**9. Furrow**  
**10. Texture isotropy and direction**  
**11. SSFA**

## B. Analyses

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

ISO 25178		
Height Parameters		
Sq	976	nm
Ssk	-1.12	
Sku	4.71	
Sp	1946	nm
Sv	3948	nm
Sz	5894	nm
Sa	735	nm
Functional Parameters		
Smr	13.9	%
Smc	1103	nm
Sxp	2784	nm
Spatial Parameters		
Sal	6.17	$\mu\text{m}$
Str	0.449	
Std	141	$^{\circ}$
Hybrid Parameters		
Sdq	0.414	
Sdr	6.78	%
Functional Parameters (Volume)		
Vm	0.0238	$\mu\text{m}^3/\mu\text{m}^2$
Vv	1.13	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.0238	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.767	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.947	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.180	$\mu\text{m}^3/\mu\text{m}^2$

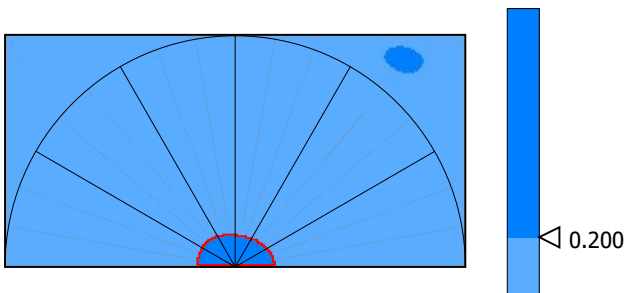
### 9. Furrow analysis surface #7



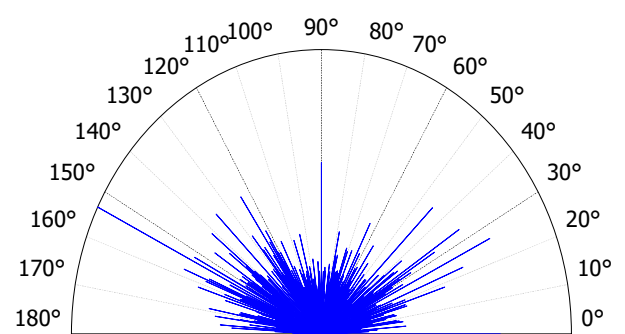
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	2377	nm
Mean depth of furrows	663	nm
Mean density of furrows	2497	cm/cm2

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



Parameters	Value	Unit
Isotropy	75.2	%
Periodicity	24.5	%
Period	28.8	$\mu\text{m}$
Direction of period	50.8	$^{\circ}$



Parameters	Value	Unit
Isotropy	44.9	%
First Direction	154	$^{\circ}$
Second Direction	26.5	$^{\circ}$
Third Direction	0.217	$^{\circ}$

