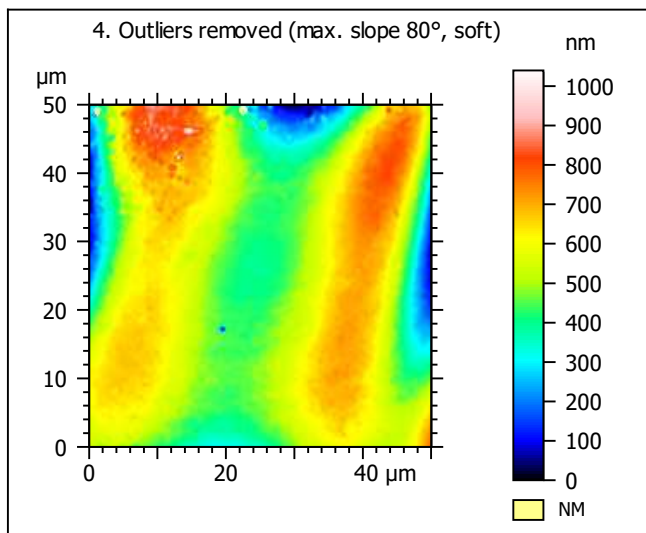
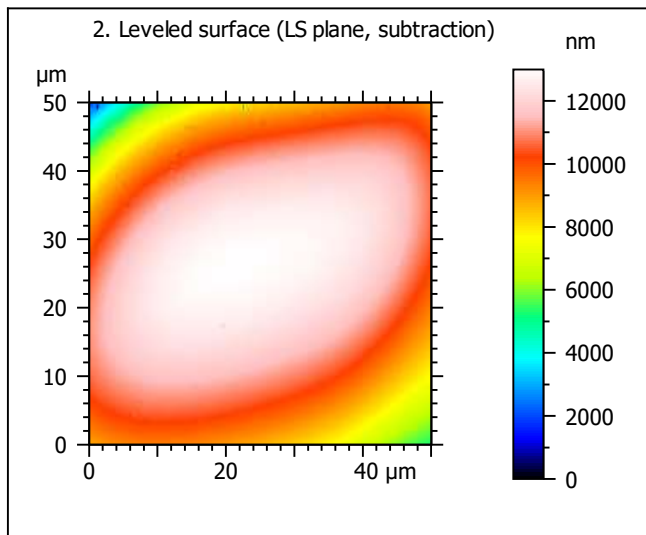
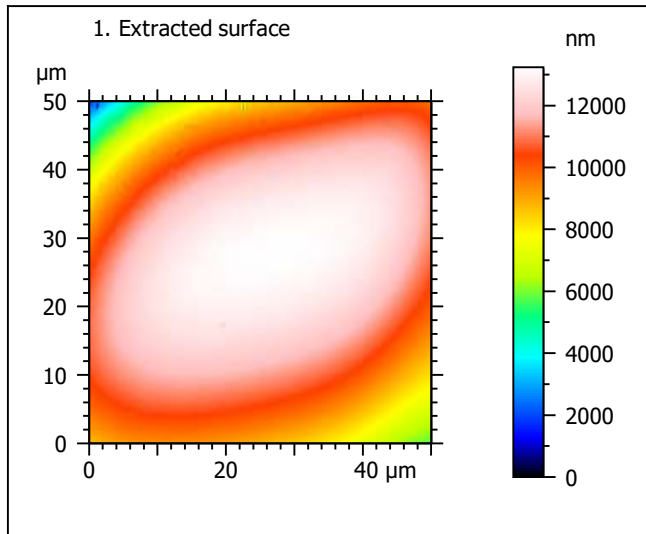
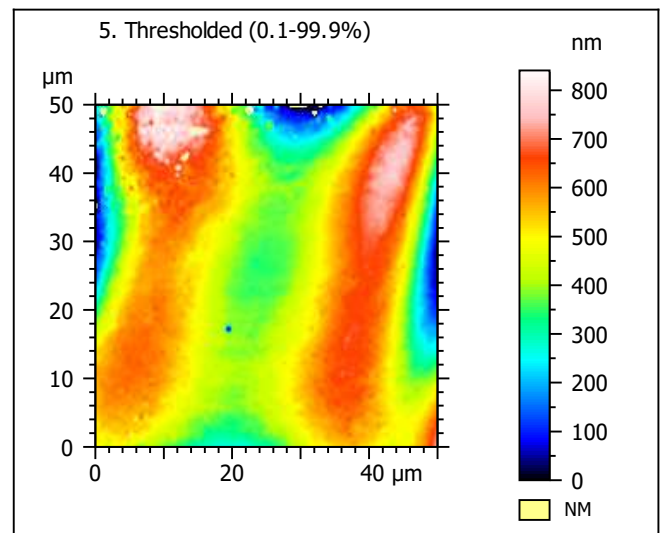
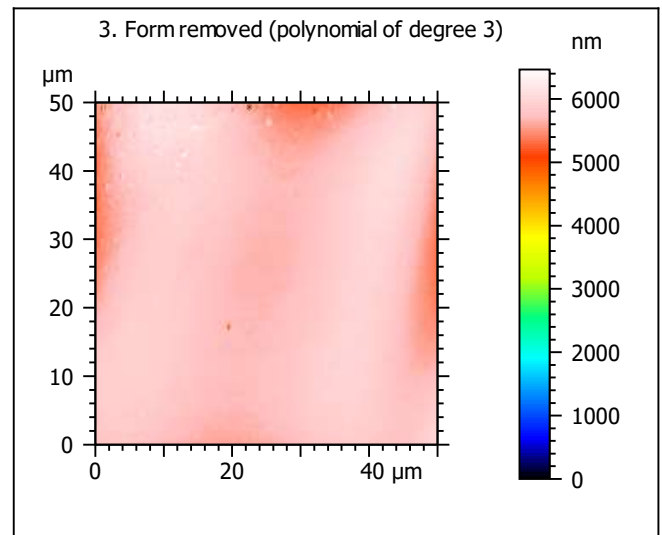


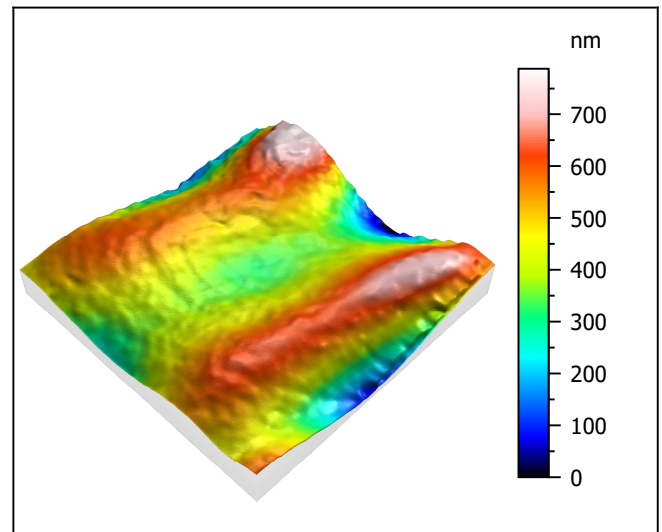
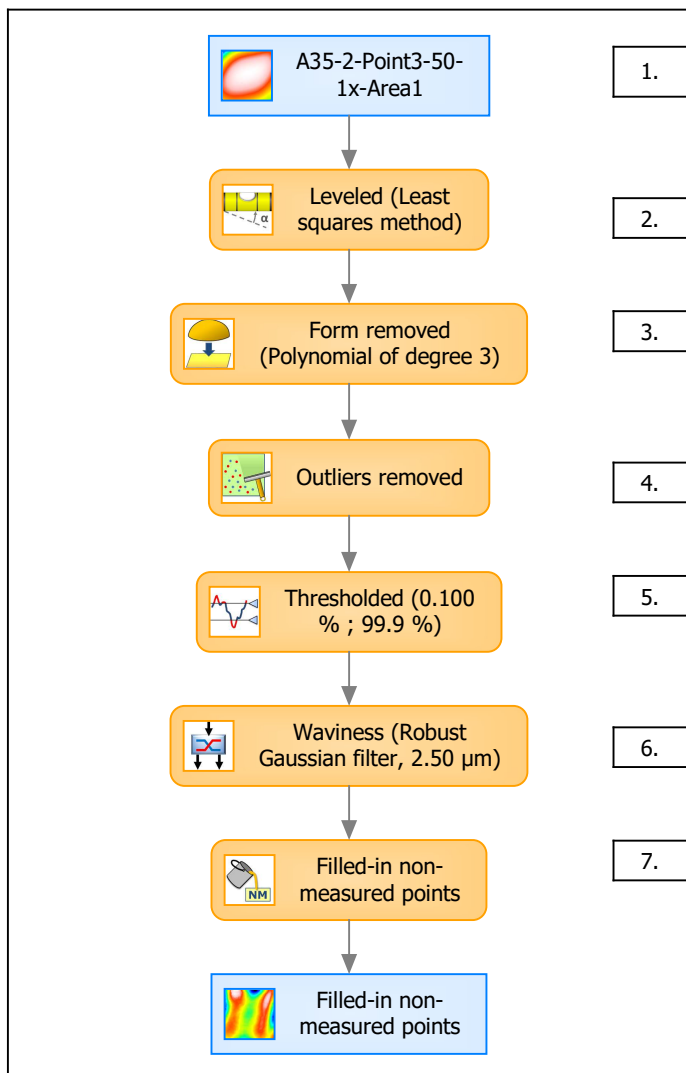
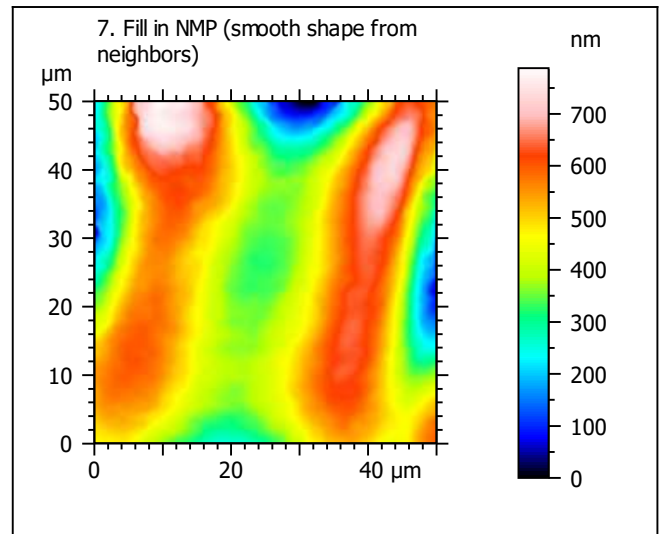
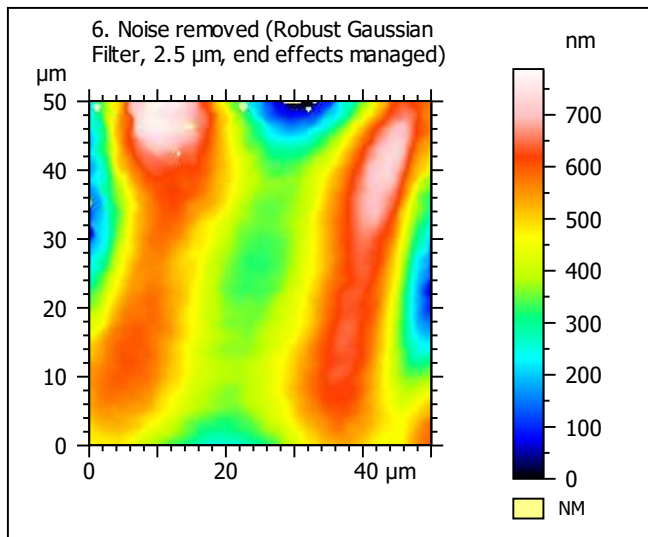
Template to process all extracted 50x50  $\mu\text{m}$  surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

## A. Processing



Identity card			
Name:	A35-2-Point3-50-1x-Area1		
File path:	D:\Data\Anto\A...\A35-2-Point3-50-1x-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:	13236	nm	
Size:	16394	digits	
Spacing:	0.807	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	A35-2-Point3-50-1x-Area1 > 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:	788	nm	
Size:	976	digits	
Spacing:	0.807	nm	
NMP ratio:	0.00 % (0 Pts)		

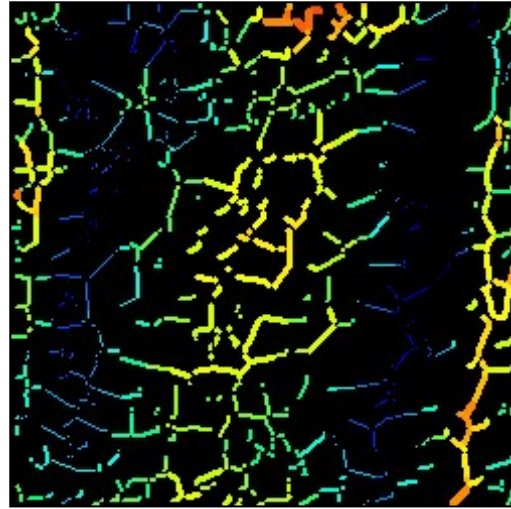
**Analyses:**  
**8. ISO 25178**  
**9. Furrow**  
**10. Texture isotropy and direction**  
**11. SSFA**

## B. Analyses

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

ISO 25178		
Height Parameters		
Sq	135	nm
Ssk	-0.368	
Sku	2.95	
Sp	318	nm
Sv	470	nm
Sz	788	nm
Sa	110	nm
Functional Parameters		
Smr	100	%
Smc	161	nm
Sxp	305	nm
Spatial Parameters		
Sal	5.54	$\mu\text{m}$
Str	0.246	
Std	8.74	$^{\circ}$
Hybrid Parameters		
Sdq	0.0385	
Sdr	0.0744	%
Functional Parameters (Volume)		
Vm	0.00503	$\mu\text{m}^3/\mu\text{m}^2$
Vv	0.166	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.00503	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	0.123	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	0.149	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.0162	$\mu\text{m}^3/\mu\text{m}^2$

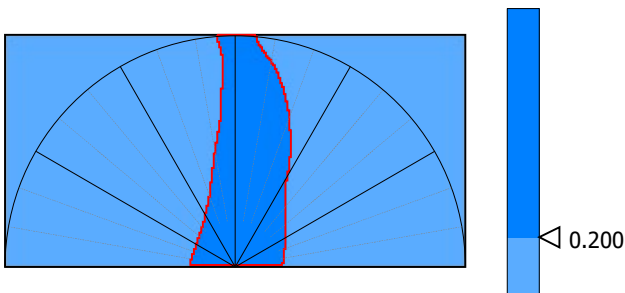
### 9. Furrow analysis surface #7



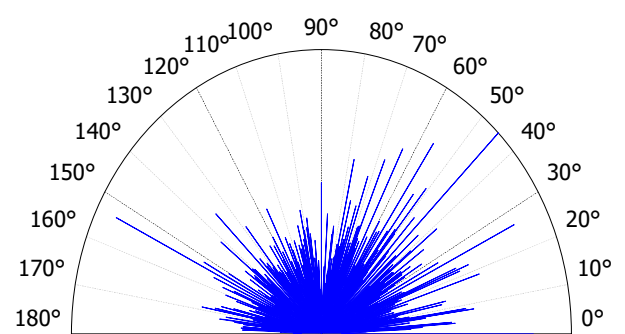
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	108	nm
Mean depth of furrows	52.7	nm
Mean density of furrows	2464	cm/cm2

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



Parameters	Value	Unit
Isotropy	19.1	%
Periodicity	*****	%
Period	*****	$\mu\text{m}$
Direction of period	*****	$^{\circ}$



Parameters	Value	Unit
Isotropy	24.6	%
First Direction	45.0	$^{\circ}$
Second Direction	154	$^{\circ}$
Third Direction	26.5	$^{\circ}$

11. SSFA on surface #7

