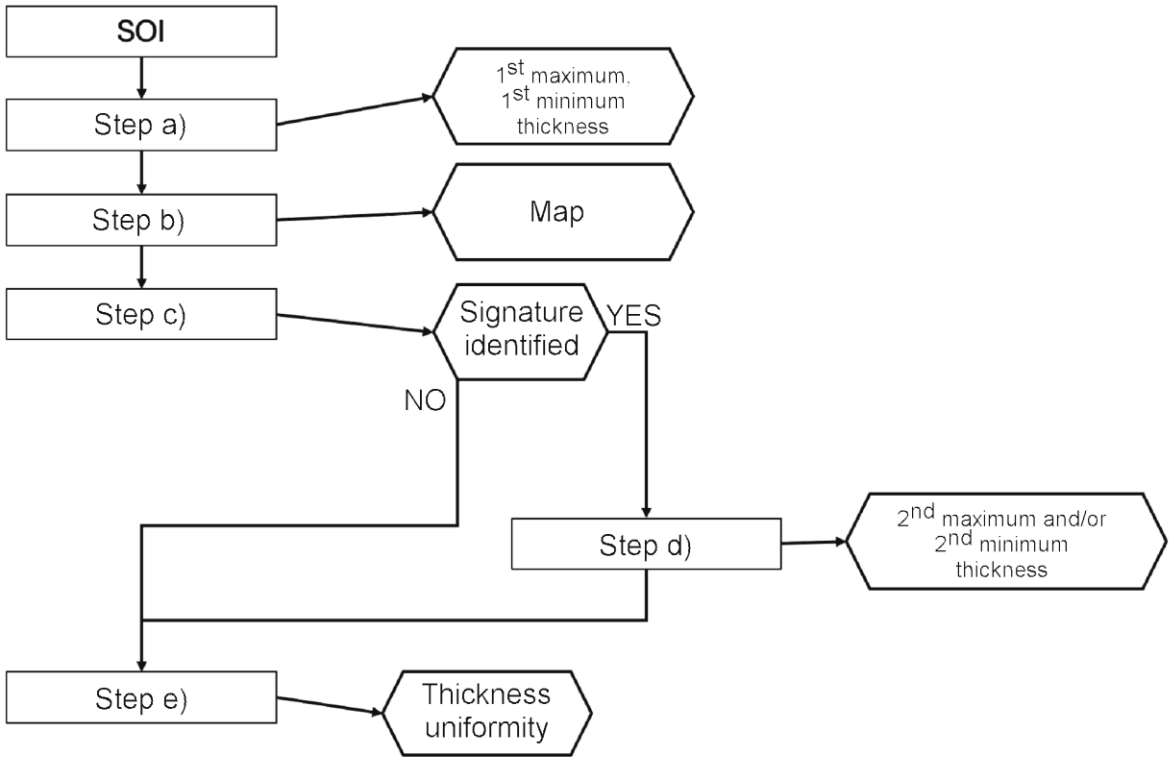
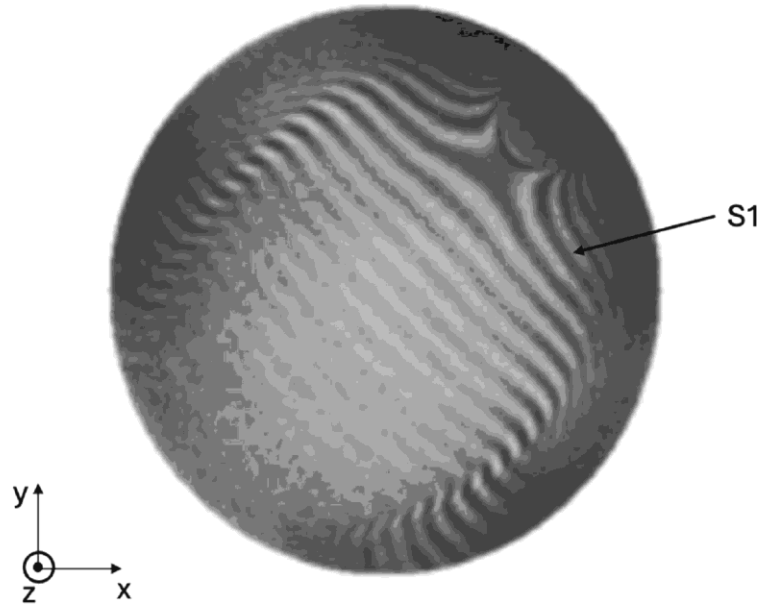
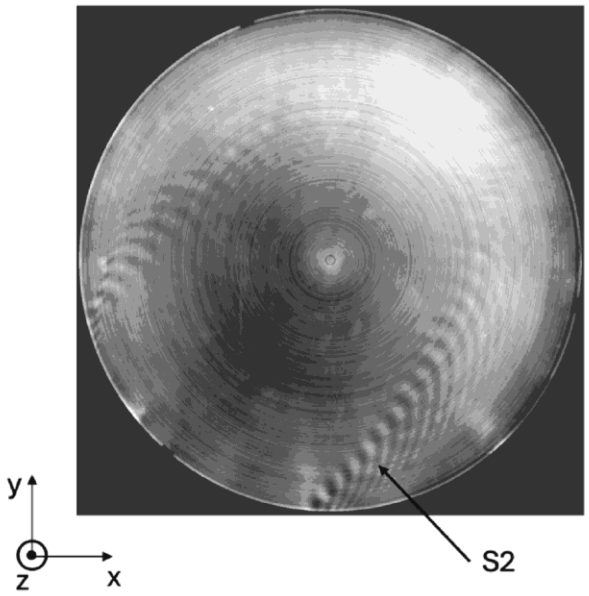
[Fig. 1]


SOI
Step a)
1st maximum.
1st minimum
thickness
Step b)
Map
Step c)
Signature
identified
YES
NO
Step d)
2nd maximum and/or
2nd minimum
thickness
Step e)
Thickness
uniformity

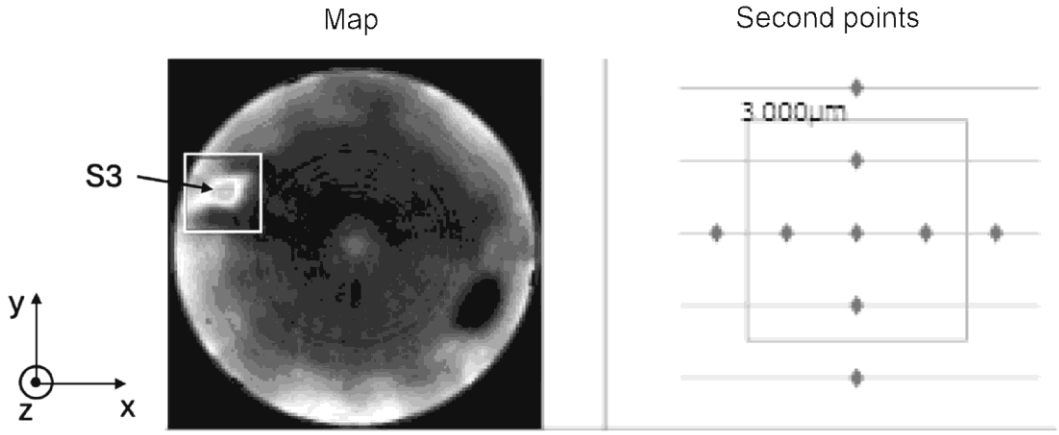
[Fig. 2]


S1
y
z
x

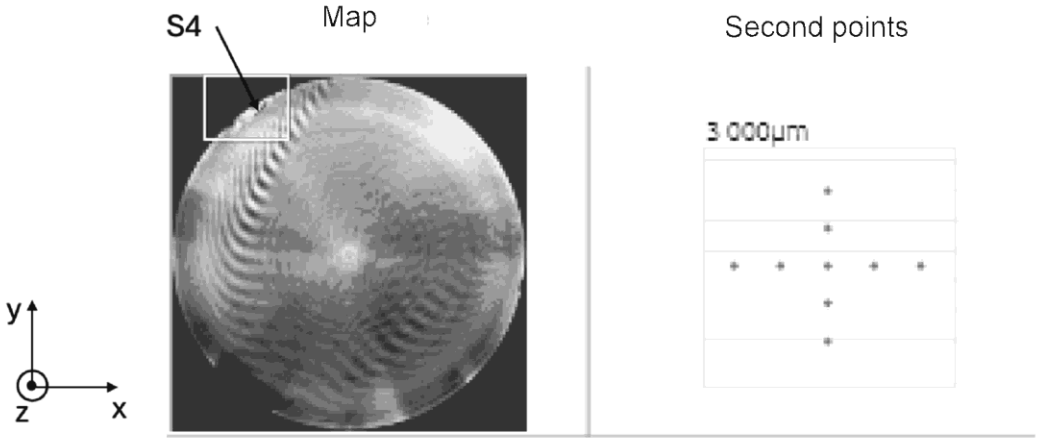
[Fig. 3]



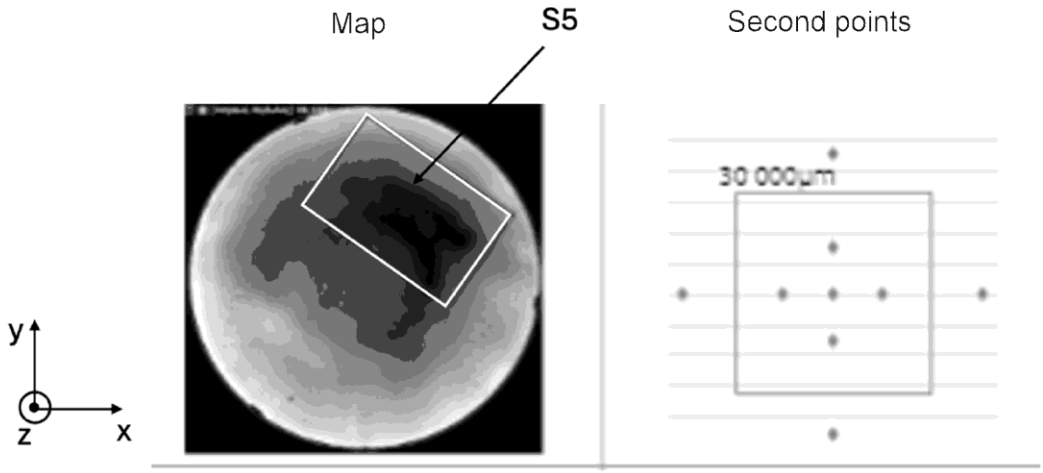
[Fig. 4a]



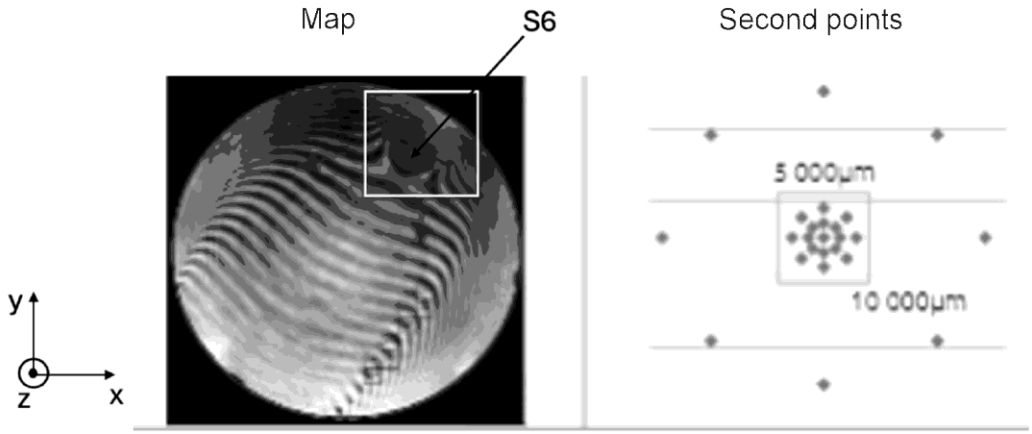
[Fig. 4b]



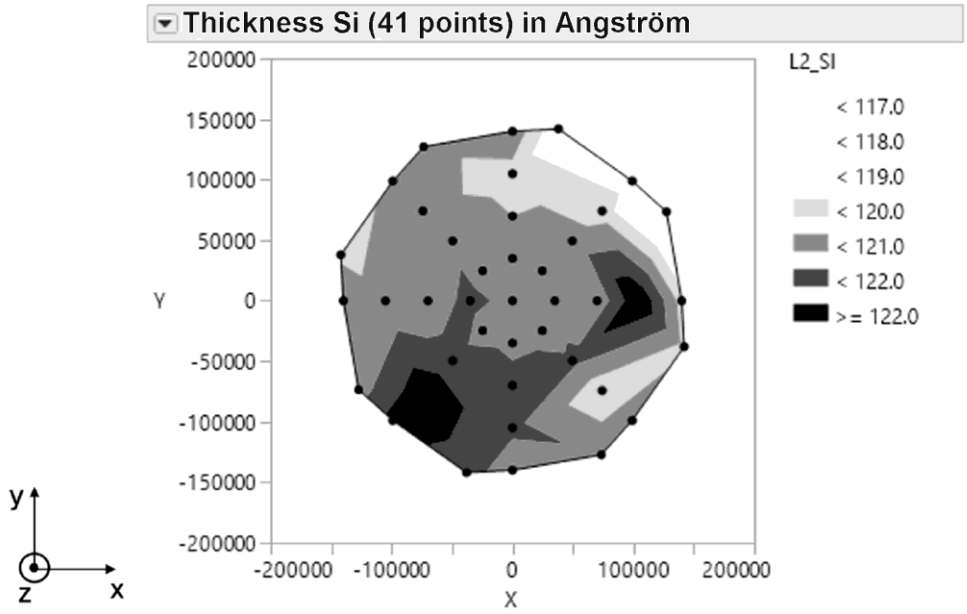
[Fig. 4c]



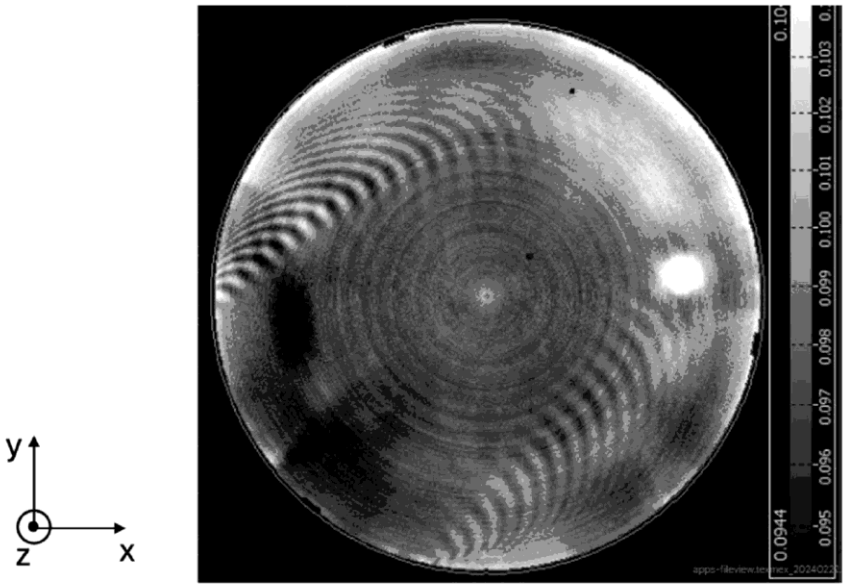
[Fig. 4d]



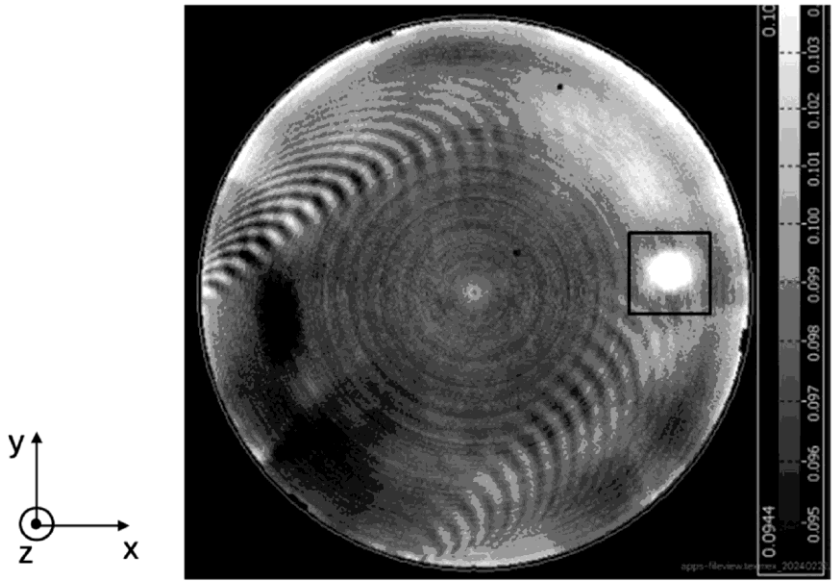
[Fig. 5a]



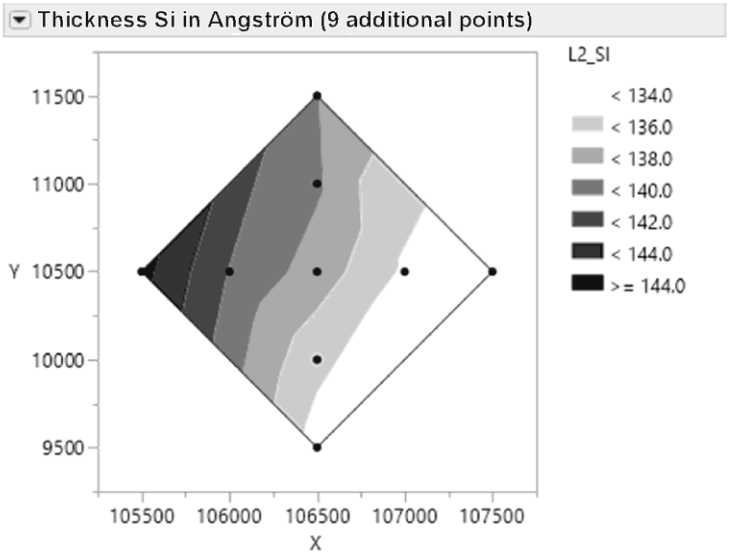
[Fig. 5b]


y
z
x
0.10
0.103
0.102
0.101
0.100
0.099
0.098
0.097
0.096
0.095
0.0944

[Fig. 5c]


y
z
x
0.10
0.103
0.102
0.101
0.100
0.099
0.098
0.097
0.096
0.095
0.0944

[Fig. 5d]


Thickness Si in Angström (9 additional points)
L2_SI
< 134.0
< 136.0
< 138.0
< 140.0
< 142.0
< 144.0
>= 144.0
11500
11000
Y 10500
10000
9500
105500
106000
106500
107000
107500
X