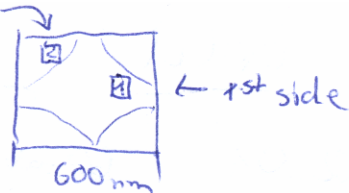


→ (12.)

different side:

2nd side



-10

35 mV, 30 nm (256 px/line, 0.8 sec)

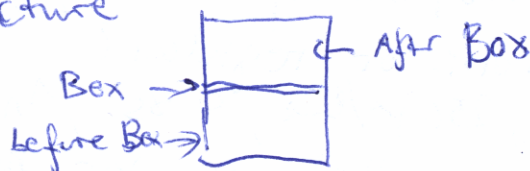
regular structure can be seen  
very irregular in the lower right corner

-11

35 mV, 10 nm: Band-like structure, best grid  
at the bottom

-12

Abschluss-Box zum 1. Mal benutzt  
⇒ durchaus regelmäßiger Resultate.  
One can see the vibrations in the  
picture



-13

35 mV, 3 nm } 0.8 sec, 256 px/line low quality image

-14

35 mV, 3 nm } same options, much better image

⇒ Atoms can be seen!

-15

35 mV, 0.8 nm ~~same good quality image~~  
low quality image → noise,  
little of the atomic structure visible

-16

35 mV, 1.6 nm ⇒ remainders of atomic structure visible,  
but lots of noise

-17

35 mV, 3.2 nm, set point @ 2nd (from 1 nA; Standard)

Gold on G1

70 mV, 2 nA (set point), scale: 3 nm

regular structure is seen

-02

70 mV, (1 nA), 100 nm

(crash) → extrem differences in height (140 nm)

-03

70 mV & scale 3 nm

very rough, needle still alright?

-04

40 mV, scale 3 nm, 128 px

rather disordered points can be seen,  
plus a steep decline in height

-05

40 mV, scale 3 nm, 256 px

noise

0.4 sec