Innovationsugen 2016 i 2x

Think

$$= \frac{4\pi}{\pi^2} e^2 \left(\frac{Z}{a_0}\right)^6 \int_0^\infty r_1^2 dr_1 e^{-2Zr_1/a_0} \int_0^\infty r_2^2 dr_2 e^{-2Zr_2/a_0} 2\pi \left[\frac{-2}{2r_1 r_2}\sqrt{r_1^2 + r_2^2 - 2r_1 r_2}\right.$$

$$= \frac{4\pi}{\pi^2} e^2 \left(\frac{Z}{a_0}\right)^6 \int_0^\infty r_1^2 dr_1 e^{-2Zr_1/a_0} \int_0^\infty r_2^2 dr_2 e^{-2Zr_2/a_0} \frac{2\pi}{r_1 r_2}$$

$$\left[-\sqrt{r_1^2 + r_2^2 - 2r_1 r_2} + \sqrt{r_1^2 + r_2^2 + 2r_1 r_2}\right]$$

$$= \frac{4\pi}{\pi^2} e^2 \left(\frac{Z}{a_0}\right)^6 \int_0^\infty r_1^2 dr_1 e^{-2Zr_1/a_0} \int_0^\infty r_2^2 dr_2 e^{-2Zr_2/a_0} \frac{2\pi}{r_1 r_2} \left[-|r_1 - r_2| + (r_1 + r_2)\right]$$

$$= 8e^2 \left(\frac{Z}{a_0}\right)^6 \int_0^\infty r_1 dr_1 e^{-2Zr_1/a_0} \int_0^\infty r_2 dr_2 e^{-2Zr_2/a_0} (r_1 + r_2 - |r_1 - r_2|)$$

Dream

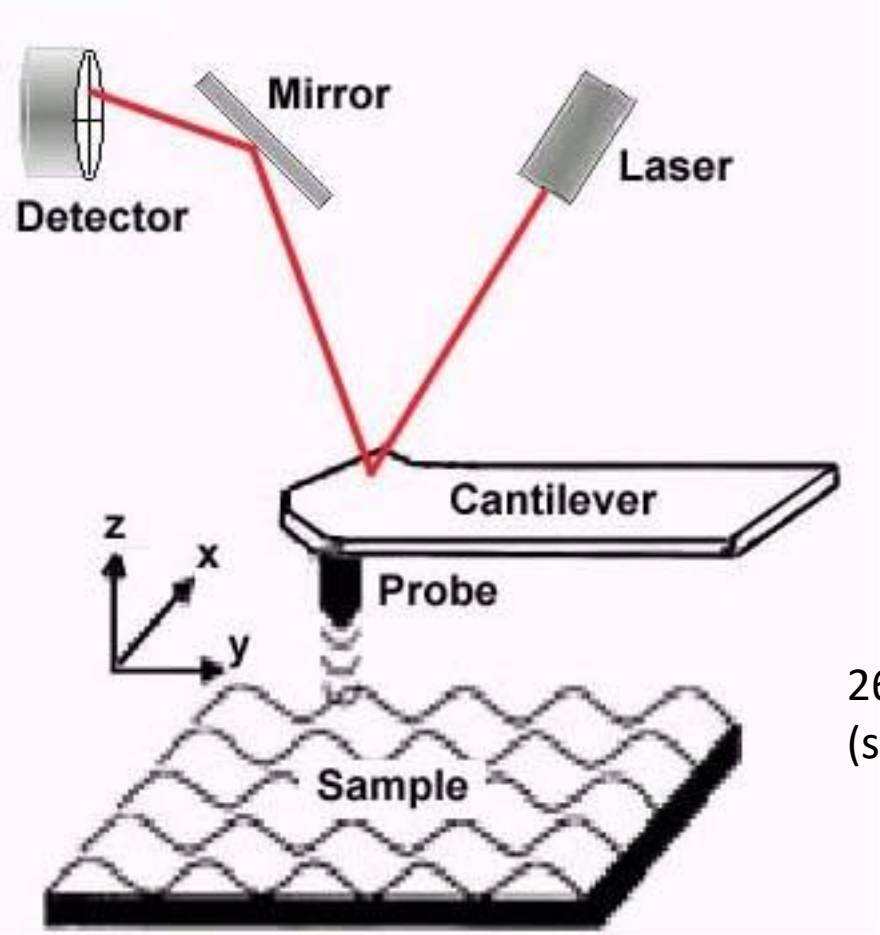

WE NEED YOU
MARS
EXPLORERS WANTED
WORK THE NIGHT SHIFT
ON MARS' MOON
TEACH ON MARS

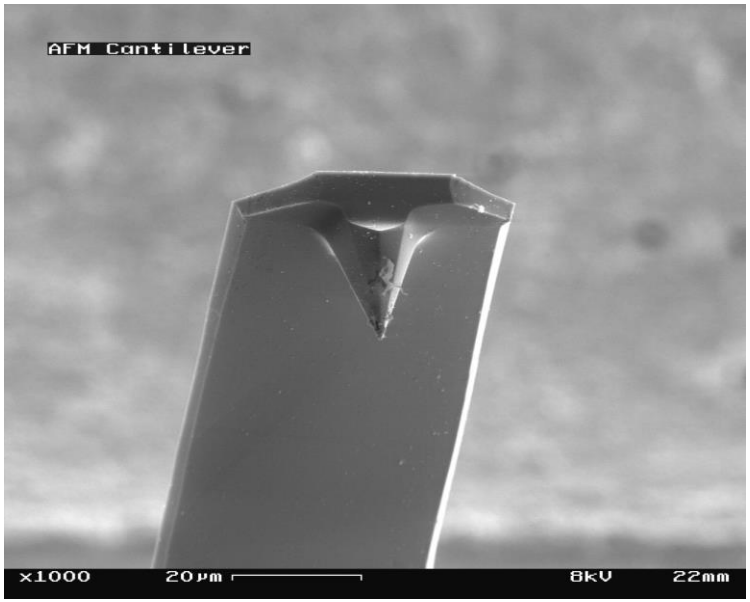
Dare

Believe in yourself

Køb en flybillet

Atomic force microscope (AFM) på Mars





26. maj 2008 landede NASA et AFM på Mars!
(som virkede)

Round peg in a square hole

https://www.youtube.com/watch?feature=youtu.be&t=37s&v=C2YZnTL596Q

Projektet her sidst på eftermiddagen

Lav en spændende børnebog til en 11-årig om middelstærke syrer

Må-ikke: Ingen kemiske formler!

Tidsramme: 2 timer

Produktkrav: story board med 6 sider i A4

Make it work!

Grupper

1	2	3	4	5	6	7	8
Axel	Gustav	Mads	Benjamin	Ib	Maja Friis	Christian	Johannes
Maja Milka	Emil	William	Malte Piil	Ditte	Kristian	Mikkel	Ellen
Laila	Oscar	Johanne	Lukas	Robin	Lasse	Lotte	Jonas
Frederik	Laurits						