30 12 19 14
30 12 22 4

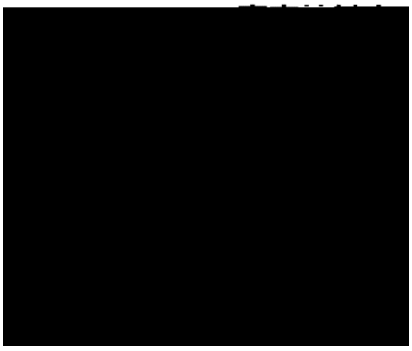
NIMS

1

20x40 cm^2

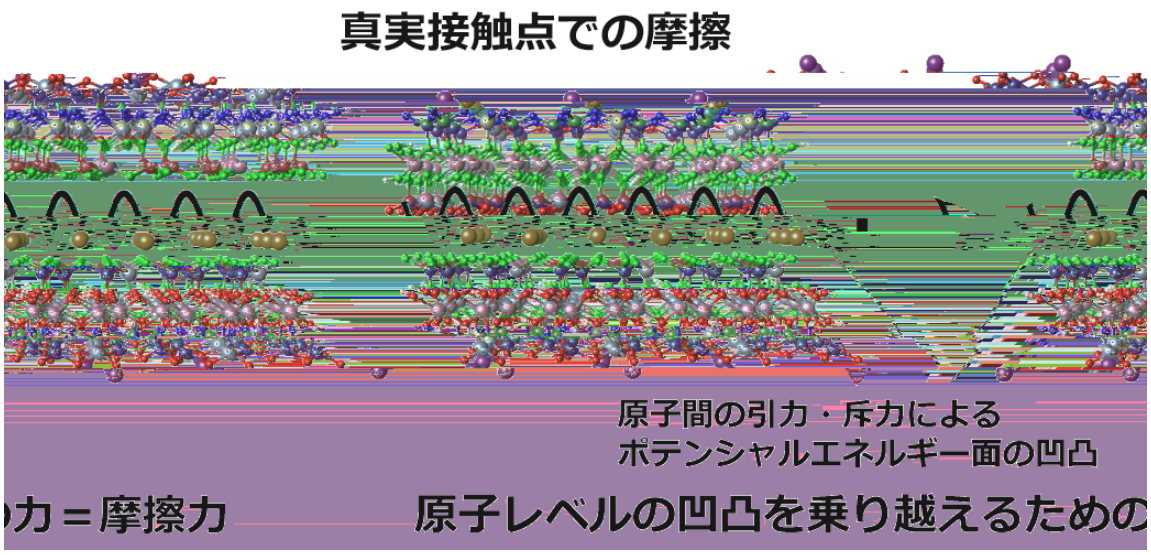
0.7~ nm

真実接触点[1]での摩擦力の導出



1 0.01

- [2]
- 30



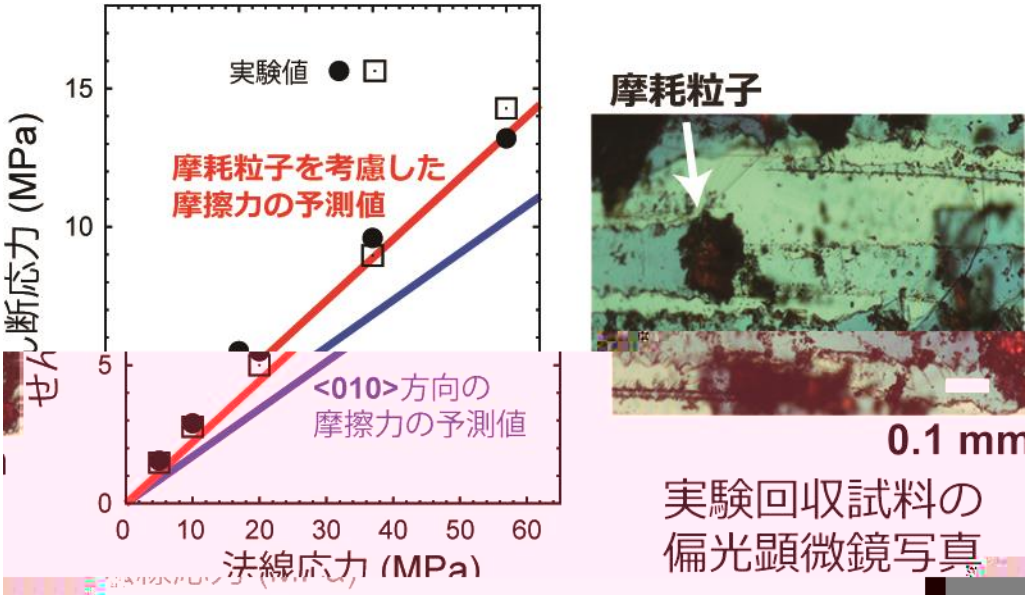
実験による摩擦力の導出

(3)

10 (4)

<010>(5)

<010>



What is the origin of macroscopic friction?
Hiroshi Sakuma, Kenji Kawai, Ikuo Katayama, Shigeru Suehara
Science Advances
2018 12 21 14 22 4

(1)

(2)

(3)

(4)

10

(5) <010>

E-mail: SAKUMA.Hiroshi@nims.go.jp
TEL: 029-860-4942
URL: https://samurai.nims.go.jp/profiles/sakuma_hiroshi

E-mail: kenji@eps.s.u-tokyo.aT35139(:1 155.54[m)51064 35MC/P 10</MCID6/Lang (en-US)>> BT201 T51 158.54 359.53 Tm[

t