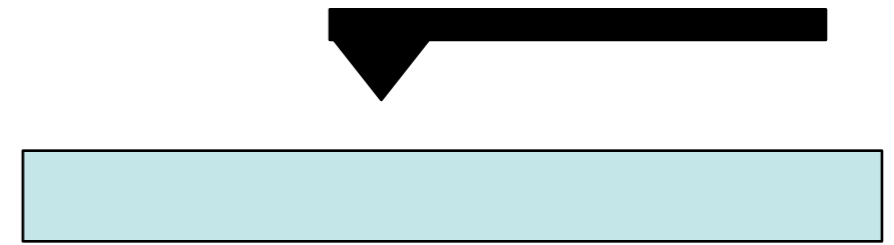
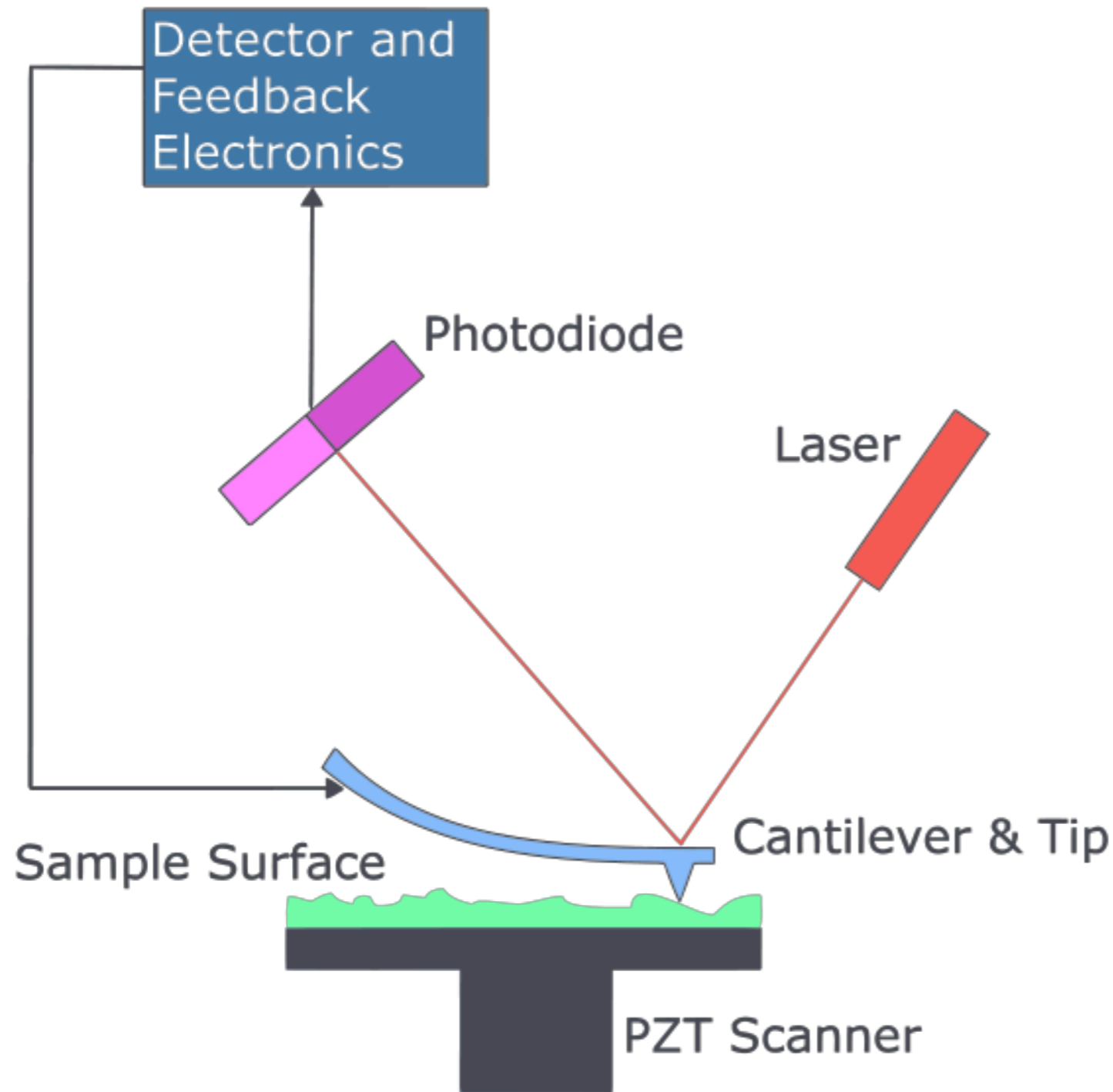
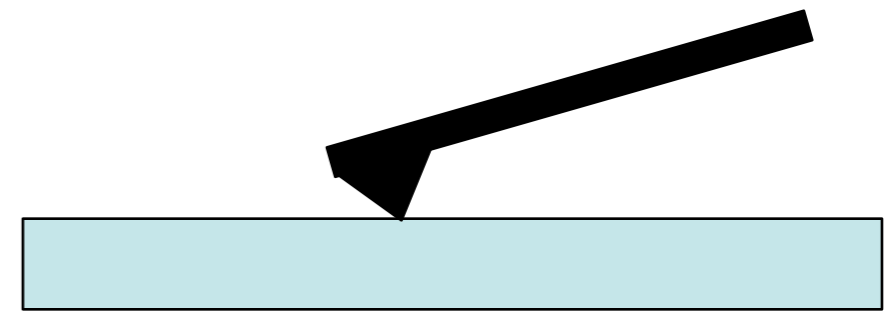
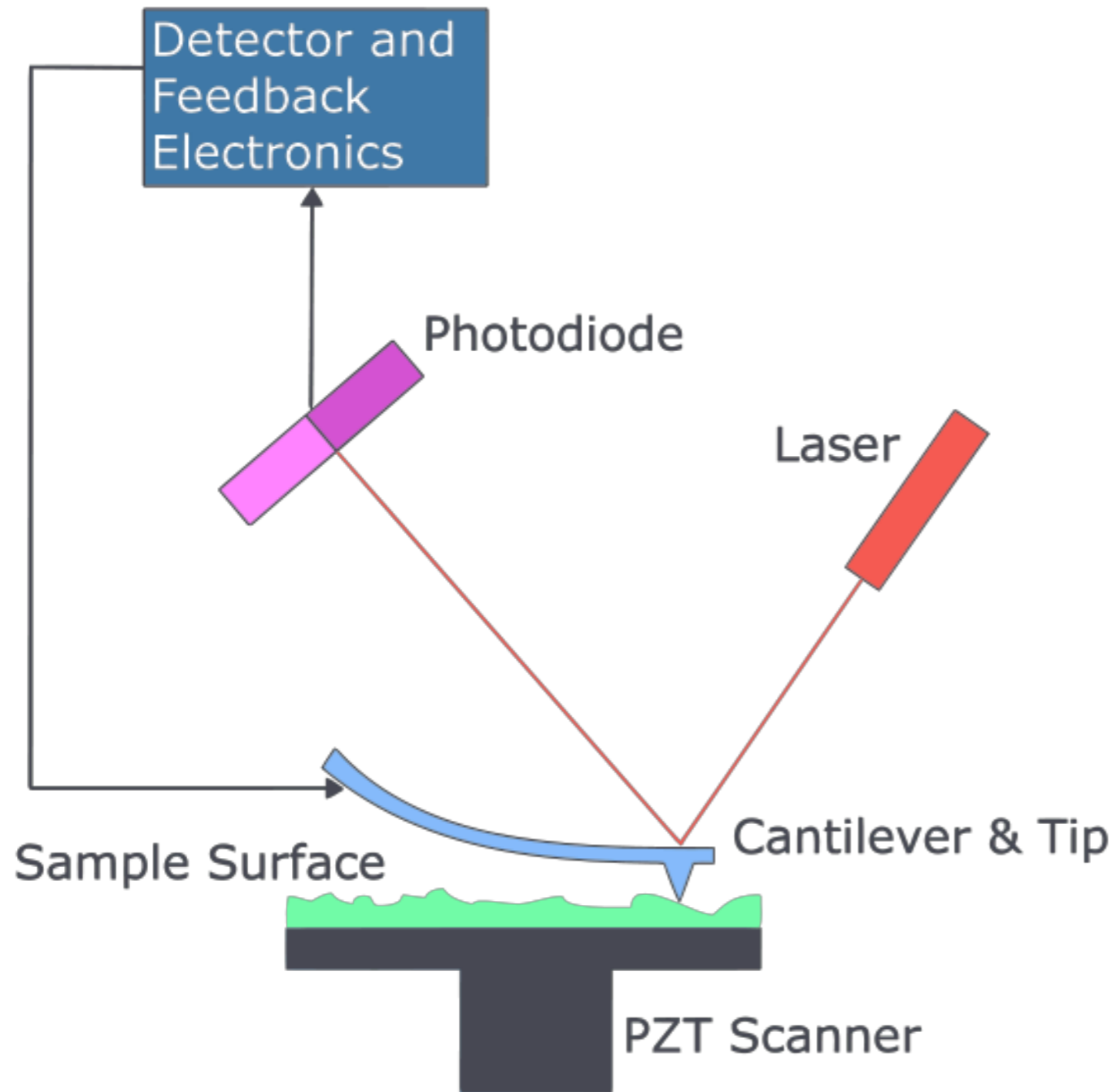


Measuring the interatomic potential



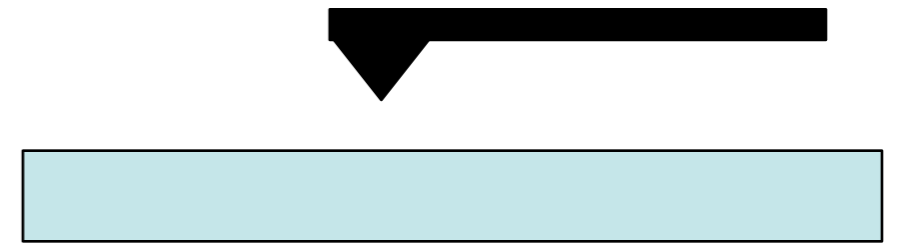
Measuring the interatomic potential



Measuring the interatomic potential

oscillation with friction and external force $\omega_0 = \sqrt{\frac{k}{m}}$

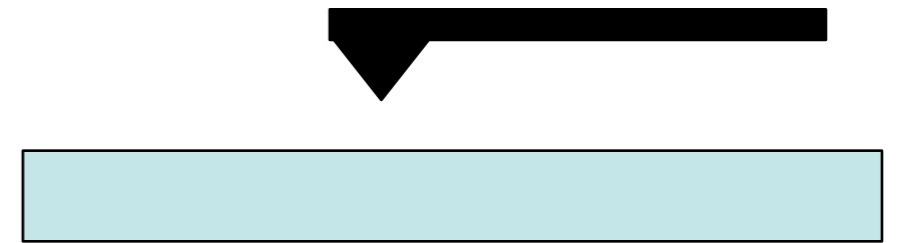
$$m \frac{d^2 z}{dt^2} + m\omega_0^2 z + \frac{m\omega_0}{Q} \frac{dz}{dt} = F_{ts} + F_0 \cos \omega t$$



Measuring the interatomic potential

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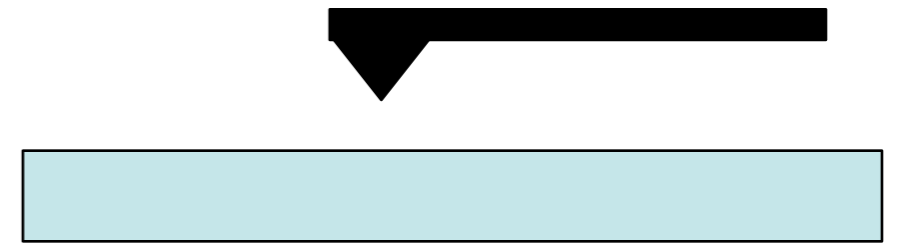
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first without surface

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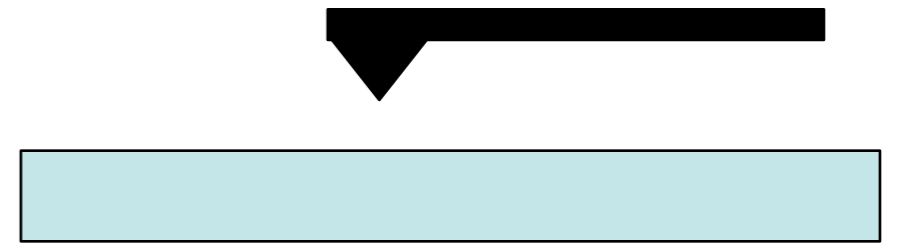
Measuring the interatomic potential

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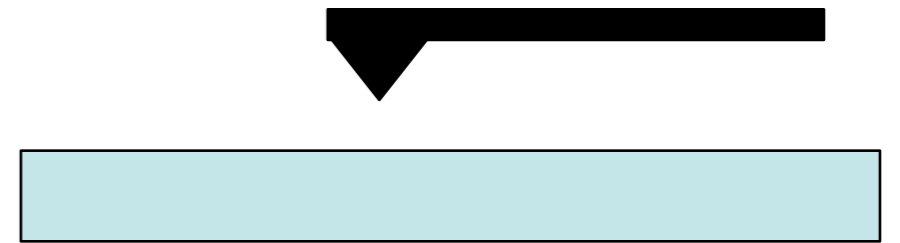
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Measuring the interatomic potential

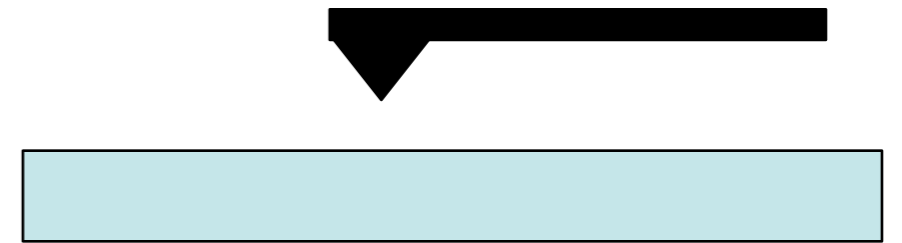
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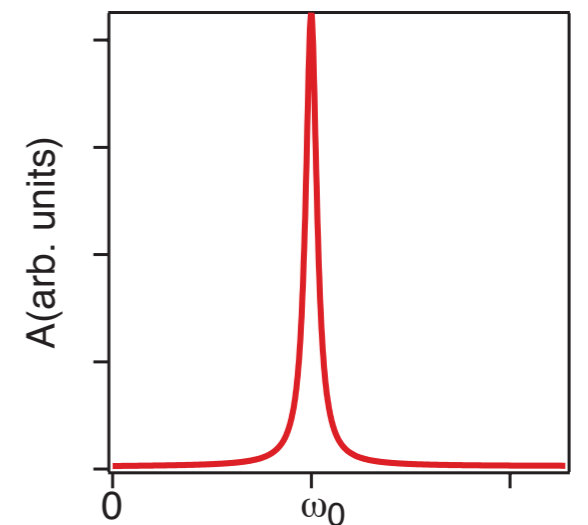
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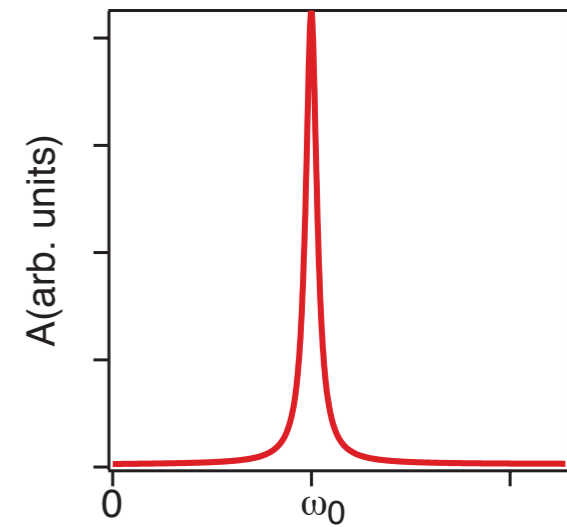
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Measuring the interatomic potential

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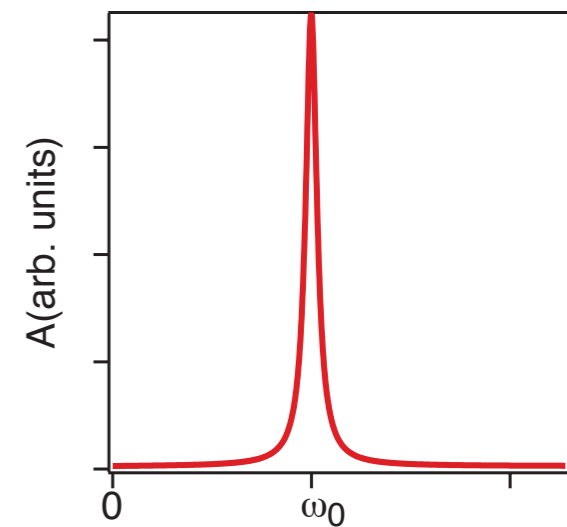
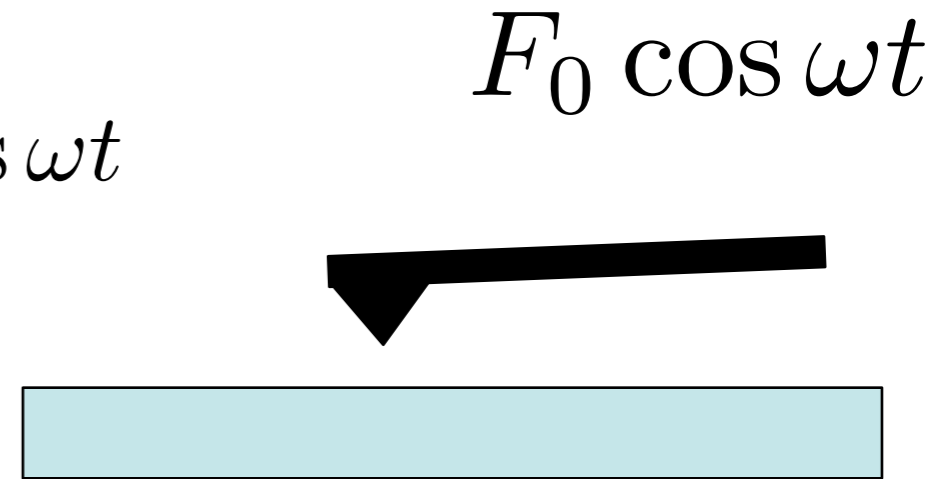


Measuring the interatomic potential

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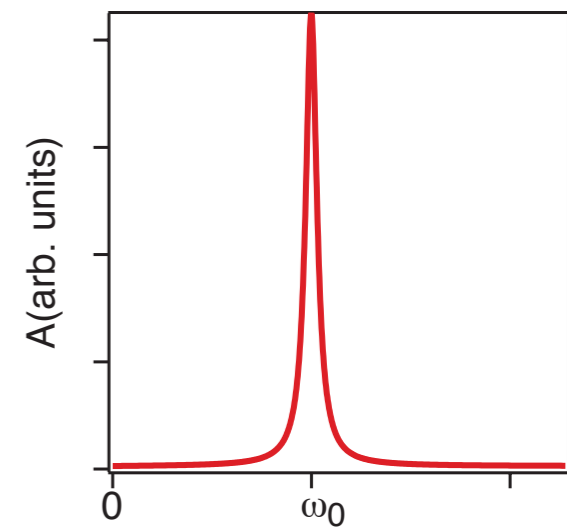
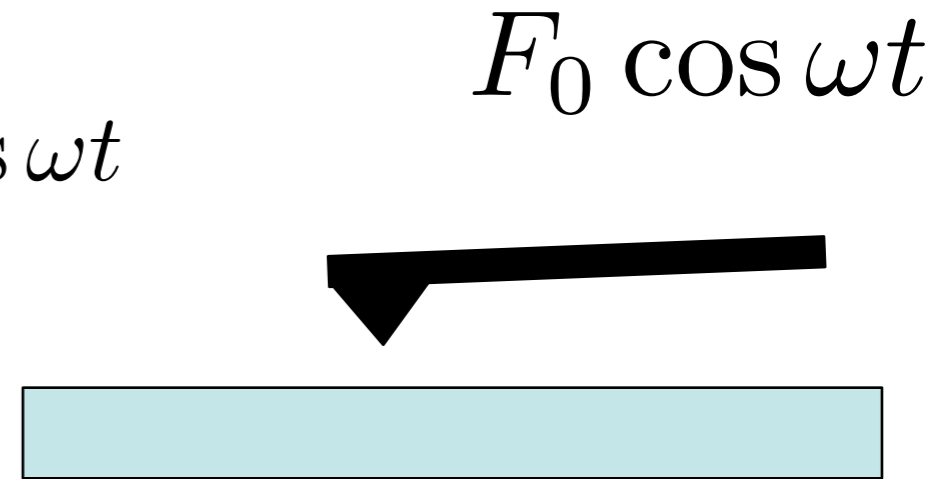
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Measuring the interatomic potential

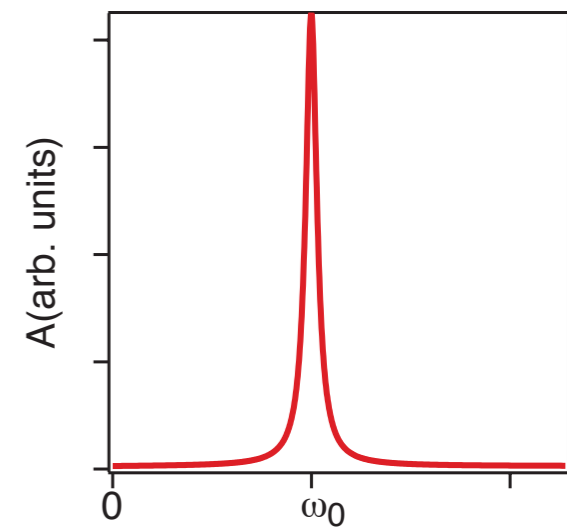
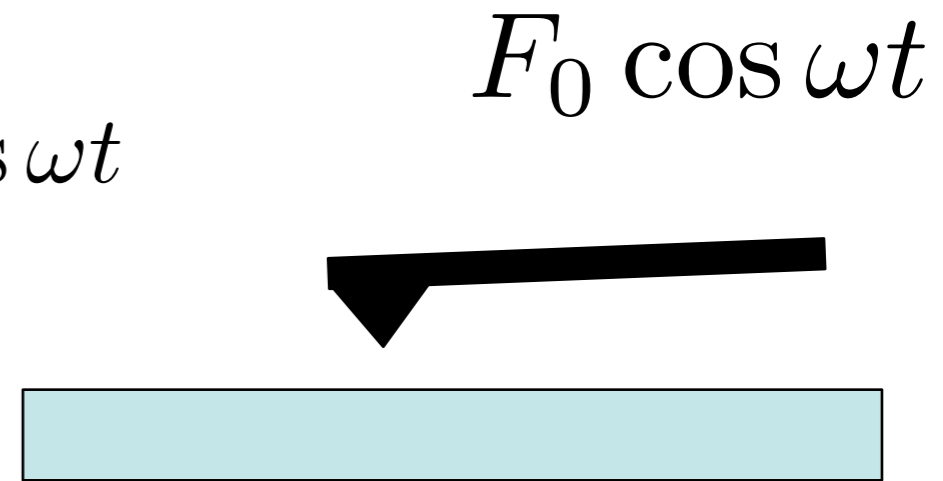
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Measuring the interatomic potential

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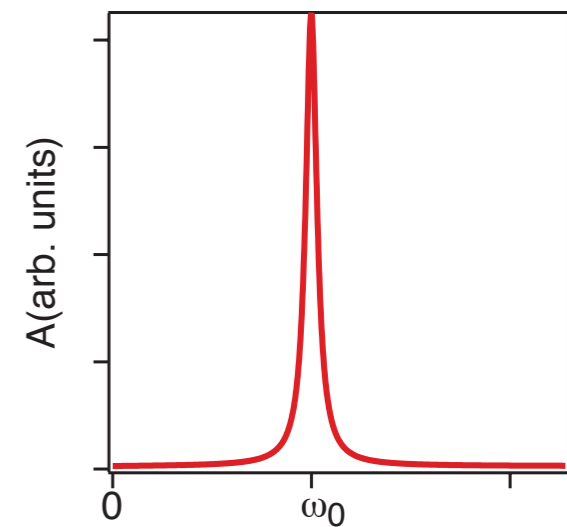
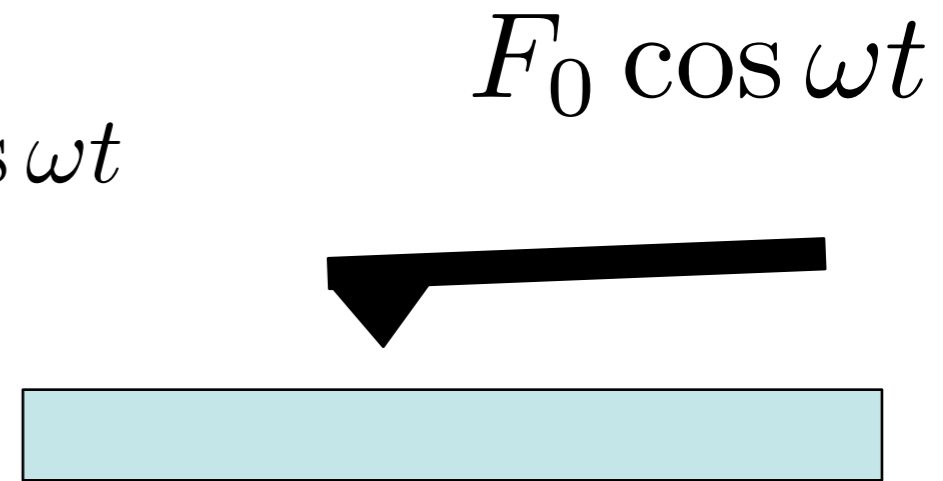
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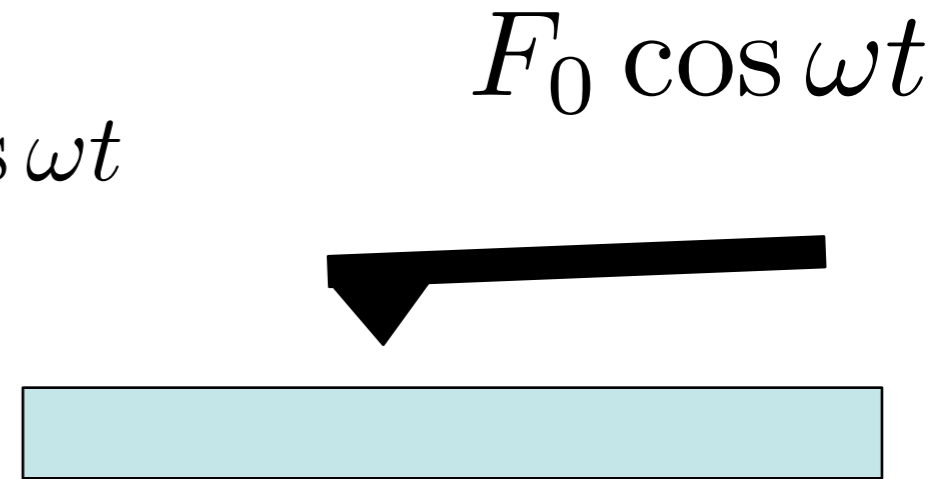


Measuring the interatomic potential

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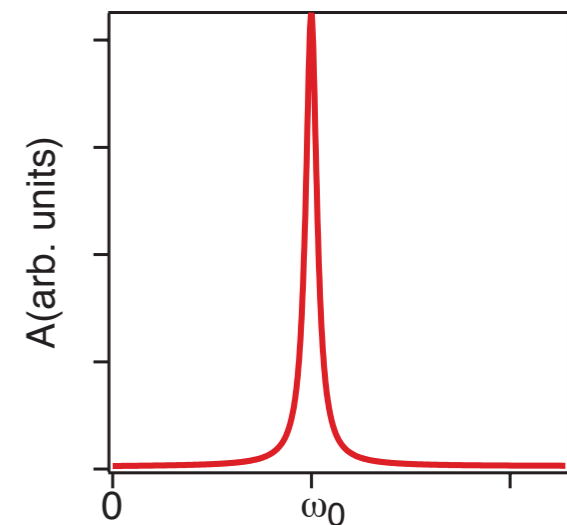


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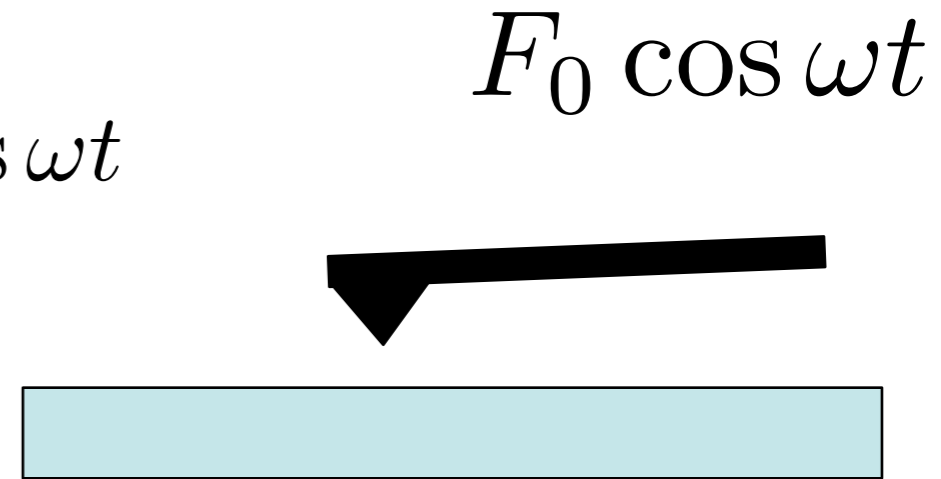


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