## L'ÉTÉ **A SHERBROOKE**

Méthodes numériques pour les matériaux quantiques 2018 Computational Quantum Materials 2018

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ADMR Units:

Algorithm has troubles to compute with very high power of ten therefore, I propose to regularyo the constant to make it casier for the memory usage.

First, in the code, velocity is defined with ti=1, to instead plug to directly in the movement equation and chambers formula.

v = 1. VeE, in equations v should be 2

power of ten will kstored in "Amoystrom" = 10-10

of ten will be stored in "meVet" = 1.605. 10-22

power of ten voill be stored in "picose cond" = 10-12

equivalently T is expressed in Ittz.

This brings to the movement equation:

Amgstram. me Volt

= \_e Amgstrom. meValt. picosecond, (vxB)

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MOORE MOORE





By using these constants for conversion, one can directly enter in the program a, b, c in A, t in meV and I in THz.