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Reading of this letter should start from section 4 which clarifies that the authors are interested in a purely numerical study of time-dependent quantized systems (exemplified by a diatomic molecule exposed to a laser radiation) during long times (typicaly, 100 periods of external field). In a long exposition they show that for this purpose, one can use many alternative numerical discretization methods (and offer their fairly complete review). Their main message is that a suitable combination of the fast Fourier transformations (of kinetic energy), discretization (in their terminology, "splitting" of the time coordinate) and Magnus approximation (of the evolution operator or matrix) can be tuned to each given problem in a comparatively optimal manner (taking into account both the computing precision and costs and implementation friendliness).