Documentation for the simulation of the coherence time of an electron spin qubit in semiconductor host

The simulation builds up of three Wolfram Mathematica Notebooks.

* Constants.nb
* FlyingQubit-01.23. (the date may variy)
* Slaver.nb

The first one holds all the constants needed, like physical constants, the size of the simulation boksz and some basic functions.

The second one is the main calculations. It uses all the constants and parameters which were given tot he kernel earlier and goes trough all the necesarry calculations then savest he important parameters and results in its given folder.

The third is the Slaver or in other words the Master. In most cases this is the only notebook the user needs to work on (currently). It links the other two together and carries out the whole imulation.

**Changes to consider adding**

1. Change exporting into a more readable form for the users. (After changes, must adapt python reader function)
2. Separate plotting and fitting in a different notebook. This may come in handy in case of multithread calculations.
3. Make a userfriendly interface to select the slave notebooks and paramters.