Installation manual

`CLASS-PT` is install and configured in 8 easy steps:

1. Download the OpenBLAS library from `http://www.openblas.net/`
2. Extract the library in a folder and configure the package by executing

   $ `gmake CC=gcc FC=gfortran`

   in that folder.
3. Install the package via

   $ `make install PREFIX=path/to/OpenBLAS`
4. Unpack `CLASS-PT`
5. Change the path to OPENBLAS in the CLASS Make-file `class_pt_public/Makefile` to your actual path to the compiled library `path/to/OpenBLAS/lib/libopenblas.a`
6. Update the paths to `path/to/OpenBLAS/lib/libopenblas.a` in the `extra_link_args` of `class_pt_public/python/setup.py`
7. Compile `CLASS` as usual by typing

   $ `make clean`

   $ `make`
8. You are all set. You can run `CLASS-PT` and `classy`.

Finally, a software-related warning is in order. We found that the `OpenBLAS` library conflicts with the library `Intel MKL` which is used in `numpy` version `1.16` and higher on some machines. This incompatibility makes `classy` crash with "segmentation fault" even though the code can be executed by a `C` call without any errors. If this is the case on user's computer, an easy fix is to use the `numpy` versions lower than `1.16`. We plan to resolve this issue in future releases.