In order to compile `dconquer.c` using `mex`, you may have to make changes.

- The file "`make_dconquer_OSX_linux.m`" must be modified according to the version of MATLAB used. The issues have to do with the location of header files and code libraries. In particular, the LAPACK library located in the MATLAB application directory must be in the library search path.

- In the program "`dconquer.c`", change the line

  ```
  iwork1 = mxCreateNumericMatrix(*liwork,1,mxINT64_CLASS,mxREAL);
  ```

  to

  ```
  iwork1 = mxCreateNumericMatrix(*liwork,1,mxINT32_CLASS,mxREAL);
  ```

  for a 32-bit architecture.