



Get your virtual working environment ready

<https://mathischeap.com/dgmp>

1 OS

We are a computational group. Beside pen and paper, your PC is your best friend. And I suggest you to run Windows + WSL (Windows Subsystem for Linux). In this way, you can make the most use of the convenience of Windows user interface and its wide range of applications. And when Windows is not enough for developing, the WSL, a perfect built-in virtual Linux machine in Windows, will provides more advanced environments.

2 Tools

Programming is a must-do in our group. Remember to train yourself daily. And I suggest to use

- high-level programming language: Python > else.
- low-level programming language: C++/C

Besides, you may find the following tools useful,

- \LaTeX
LaTeX usually is not as efficient as Office Word unless you have a lot of equations to type in which is the case of us. So please use it. I suggest to use
 - MikTeX (the kernel, <https://miktex.org/>)

plus

- TeXstudio (the editor, <https://texstudio.sourceforge.net/>),

to work locally in your PC. Alternatively, more and more people turn to cloud platforms such as Overleaf (<https://www.overleaf.com/>).

- git
When your program grows, version control is key.
- cloud storage
Keep your data safe even when your PC is broken. I suggest to use OneDrive. It is a part of your Microsoft account and Windows come with it built in.