

Instructions

The file `mmul-GPU.cuf` is to be GPU-accelerated using `cutensorex` library.

Fortran array intrinsics using Tensor Cores -----

Please have a look at the `mmul-GPU.cuf` file and work on the indicated lines (see 'TODO's).

- Use device attribute to declare device arrays.

```
integer, allocatable, device :: myInt(:)
```

- Use Fortran array notation for data transfer.

```
myArr=myArr_d
```

- Remember to include `cutensorex`!

```
use cutensorex
```

- Be sure to load the custom modules of this task.

```
source setup.sh
```

- For compilation, use

```
make
```

- To run your code, call `srun` with the correct parameters. A shortcut is given via

```
make run
```