

Merge Request: Numba induced Voltage 1turn MR

- For the muon collider with multiple RF stations and many resonators in the `InducedVoltageResonator` object, the function `InducedVoltageResonator.induced_voltage_1turn()` has to be called frequently.
- In order to speed up this calculation, the function was transferred to `bmath` and implemented in `numba` in case `numba` is installed.
- For this implementation to work, multiple objects from the `InducedVoltageResonator` need to be transferred to the `bmath` function as parameters.
- The speedup experienced by this implementation is in the order of a factor of 4 (3000 seconds without `numba`, 700 seconds with `numba` on `ex05` only computing the `induced_voltage_1turn` for 50000 turns).