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IPPI Meeting

April 18, 2023

Current Status

- Spectral solver does not work well for this problem (have to use regular FFT solver)
- 256^3 grid is needed to resolve the heating process properly
 - ▶ Will be running on Gwendolen from now on
- Problem might lie in computation of the E-field (have to check potential only)

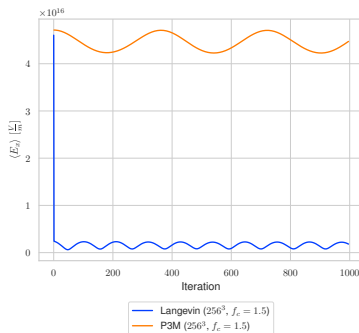


Figure 1: Average E-field in x-direction, 4 plasma periods