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UPDATE

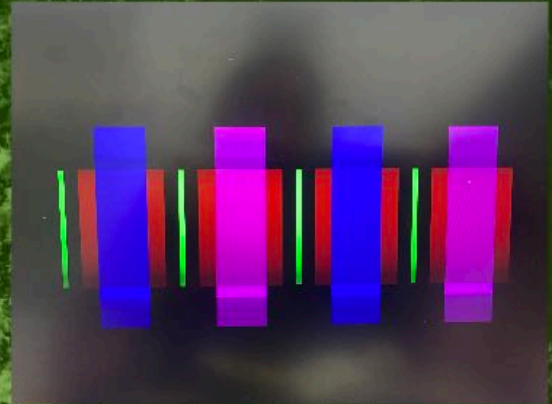
~~06/15~~

~~06/29~~

Focus: Simulate basic examples
of Helical FOF0 using
G4beamline

Challenge: Compile different
programs on
my computer

Errorsssss!!!



HFOFO



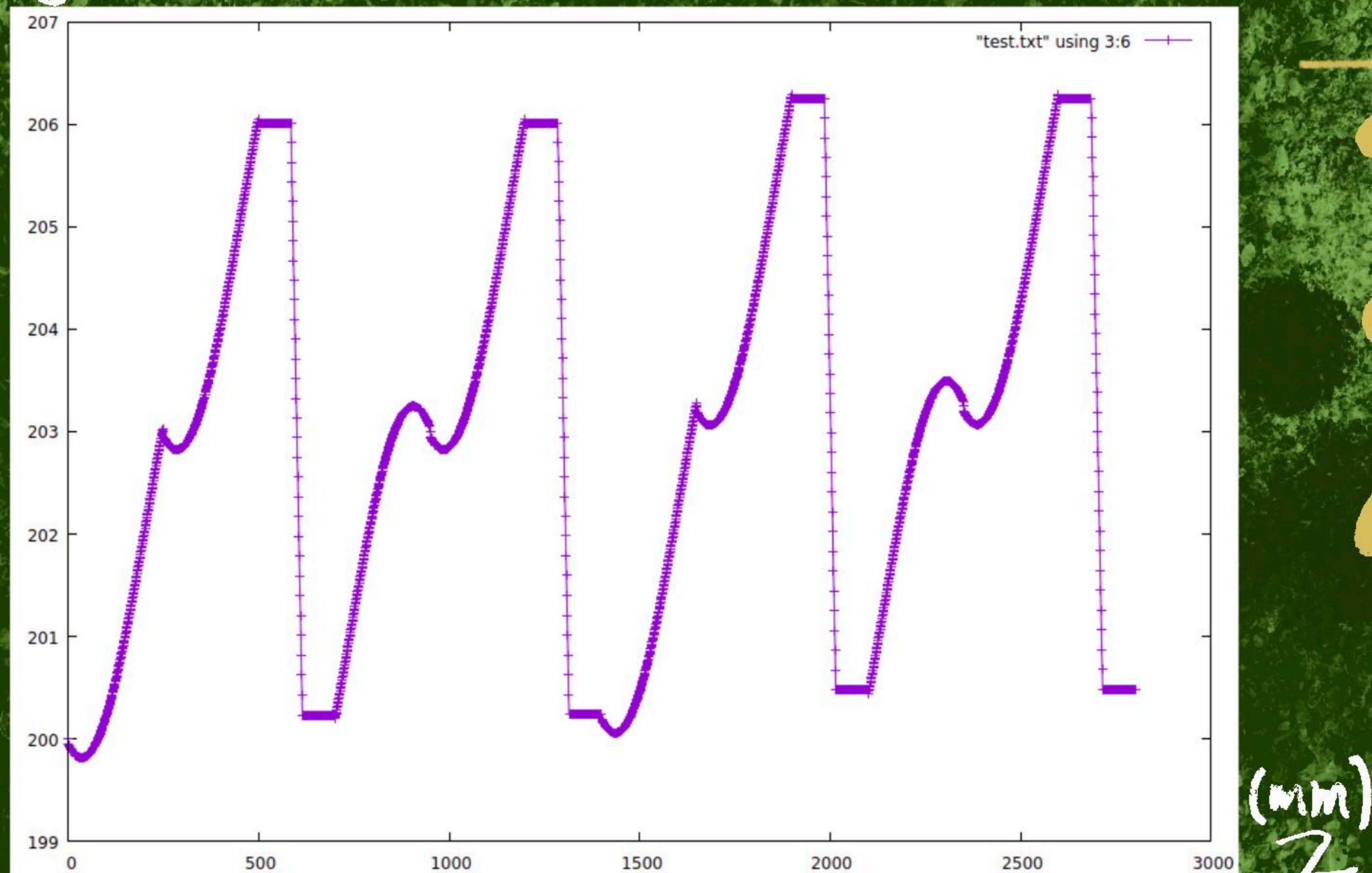
$$\Delta E = A \sin(\omega t + \phi)$$

$$= A \sin[\omega(t + t_{\text{offset}}) + \phi]$$

A : Amplitude ω : Frequency of RF

P_z versus z

$P_z(\text{MeV})$



Next Step

- Fix the graph
- Add more units
- Go to ORNL (Next week)

Goal: Adjust to offset to get
 $P_{z,in} = P_{z,out} \Rightarrow E_{in} = E_{out}$
 Method: using tune (A code)