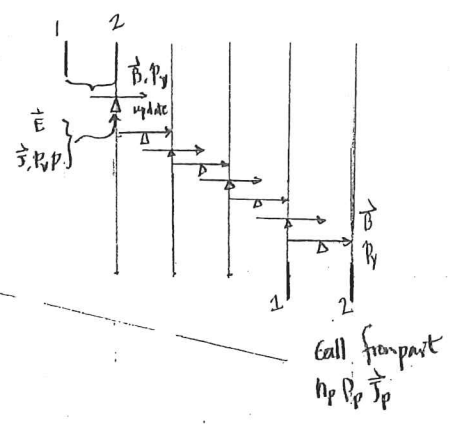


HYB - step leapfrog scheme

Step particles

Step field

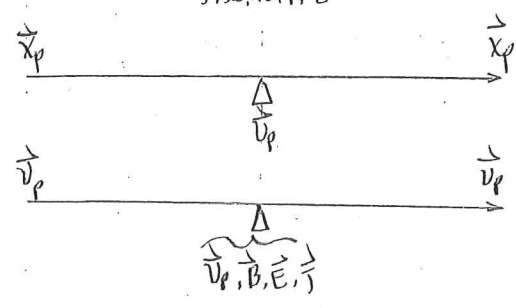
update particle quantities



update field quantities

call from fld
 $\vec{j}, \vec{j}_e, \vec{u}_e, p, \vec{E}$

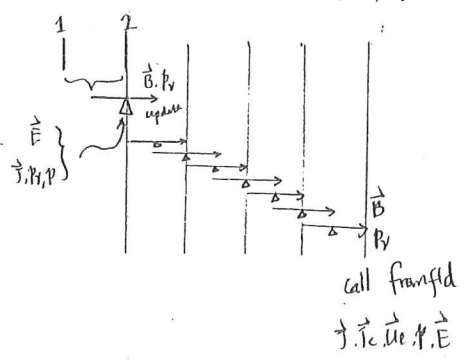
Step particles



update particle quantities

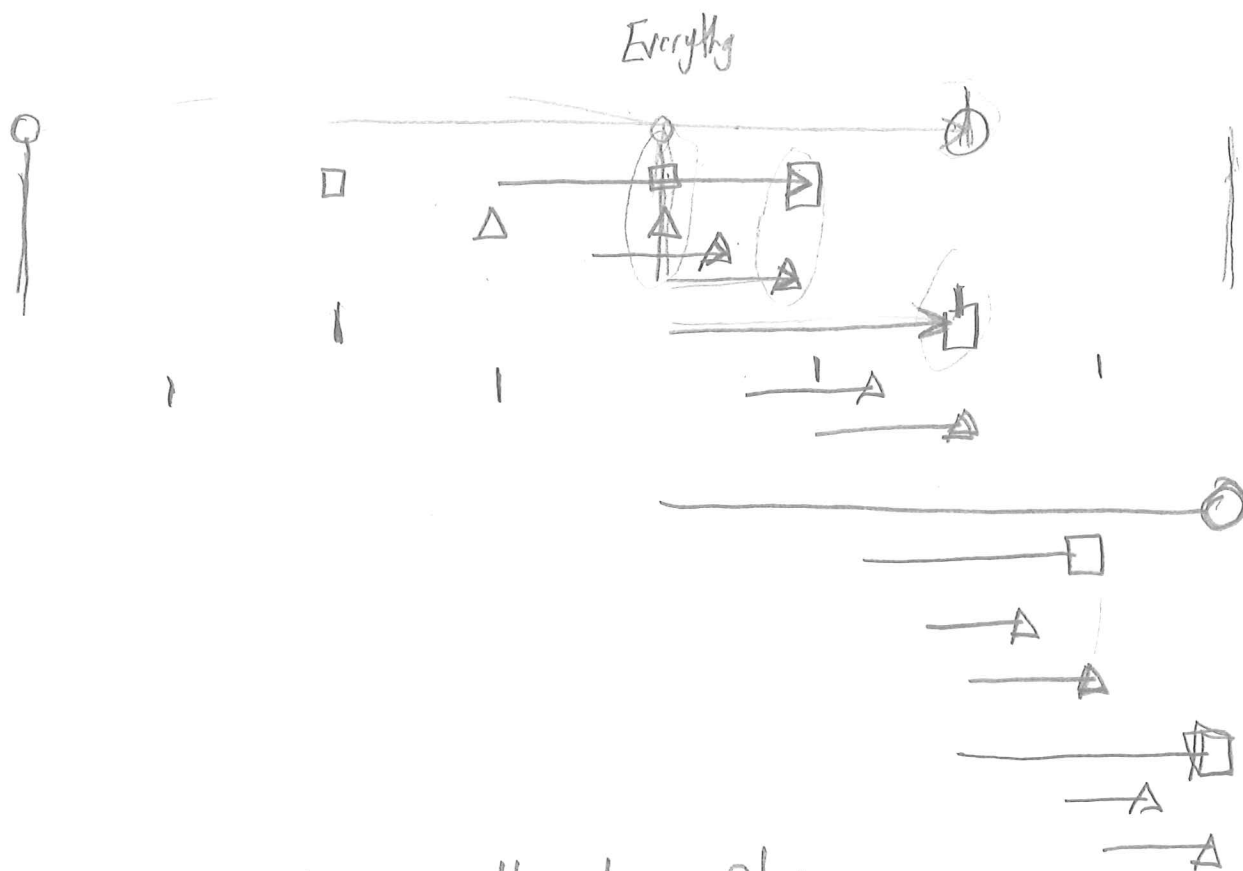
call from part
 n_p, p_p, \vec{j}_p

Step field



update field quantities

all quantities known at new time 1 and 2



ones with smaller time step
 only use information from the
 corrector part of the quantifiers
 with large time step

