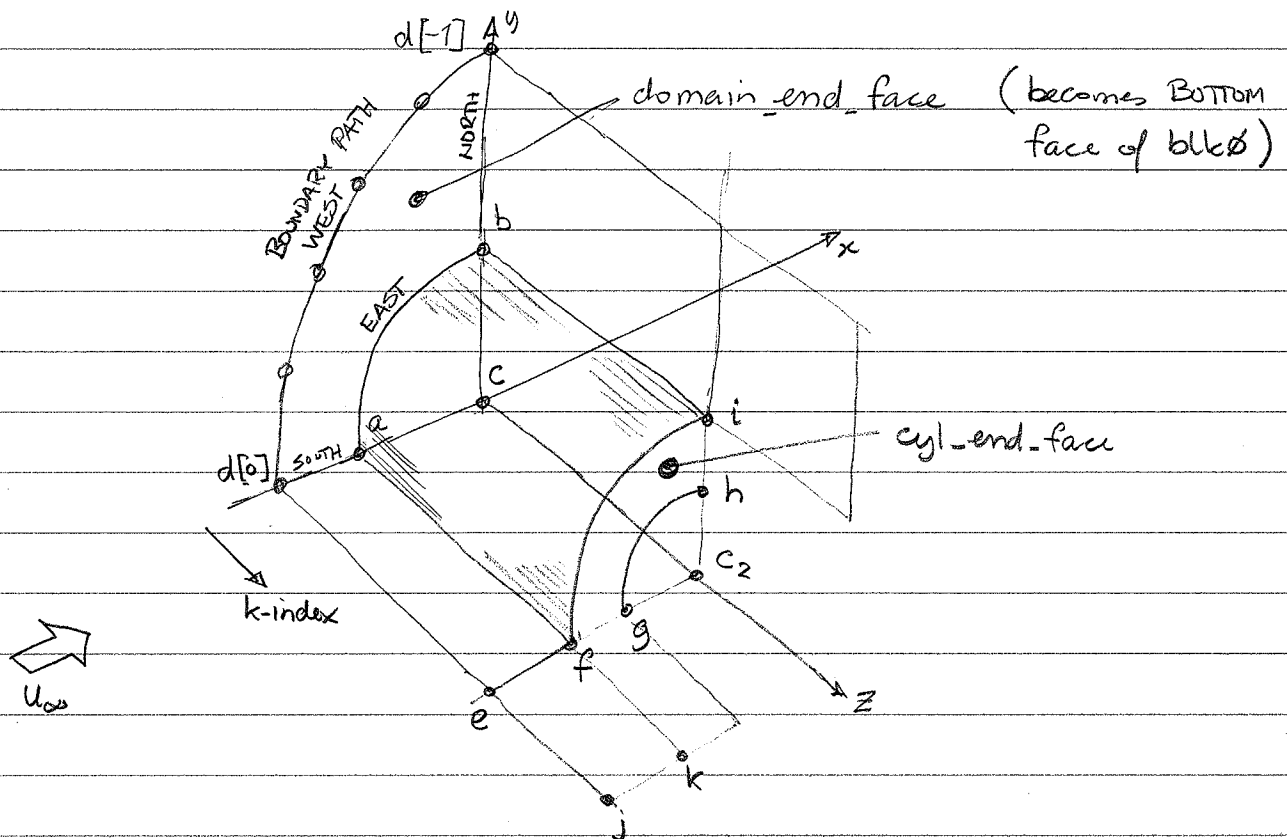


Oct. 09

Finite-cylinder for Troy & Tim

- exercises Rowan's finite-rate chemistry with weak ionization
 - 3 simple blocks
 - run on geyser (e3shared.exe)
- $t_{\text{find}} = 22.5 \mu\text{s}$ $\Delta t = 3.796 \text{ ns}$ steps = 5999
 cpu (user) = 37399 sec (10h 23 m 25 elapsed) 99% cpu

- rerun an e3mpi.exe job 3D/finite-cylinder-2
- make TARGET=for-openmpi install
- memory 3x568M + 363M on busemann (just fits)
 3x550M + 324M on geyser

steps 20	$t = 2.5 \text{ ns}$	$\Delta t = 0.15 \text{ ns}$	WC = 26 s	(77 on busemann)
40	8.1 ns	0.34 ns	56 s	(148 " ")