Modulator Simulations with Linear Focusing

Jun Ma, Roman Samulyak

Department of Applied Mathematics and Statistics
Stony Brook University

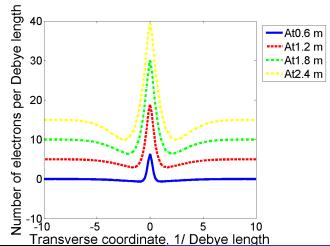
2016.11.10



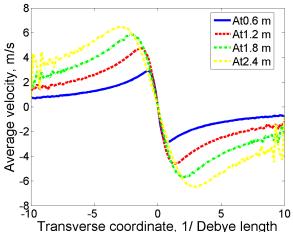
Notations

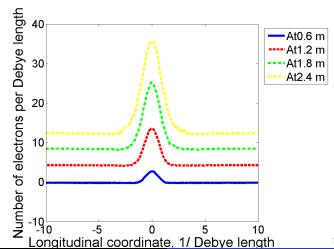
- nz : Longitudinal density distribution along z axis
- vz : Longitudinal velocity distribution along z axis
- nx : Transverse density distribution along x axis
- vx : Transverse velocity distribution along x axis
- ny : Transverse density distribution along y axis
- vy : Transverse velocity distribution along y axis

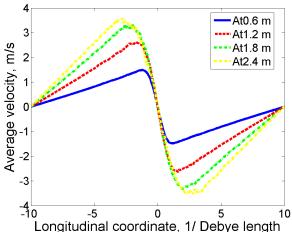


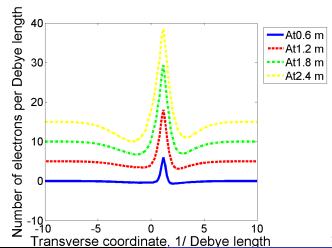




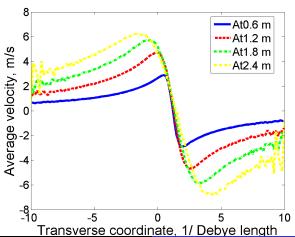


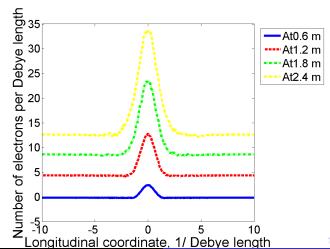




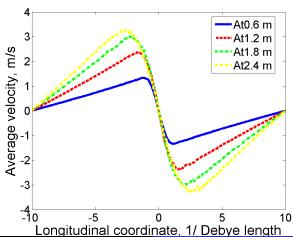


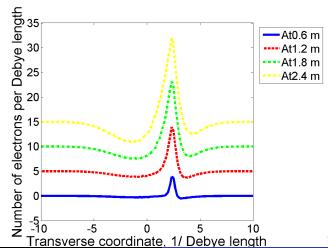




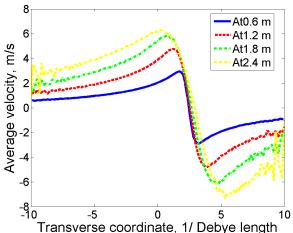


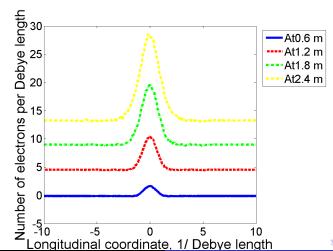
VZ

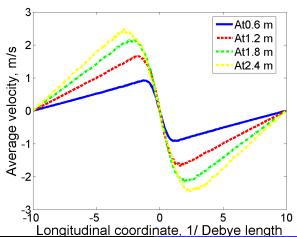


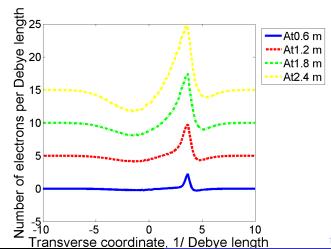




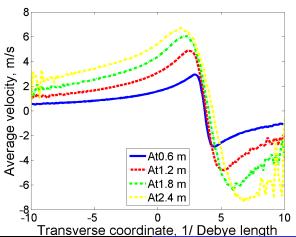


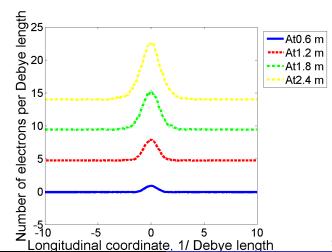




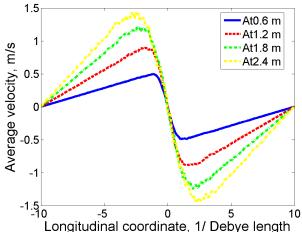


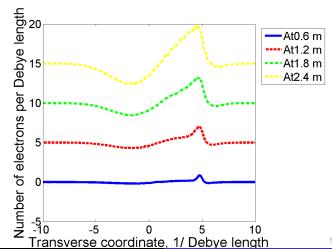




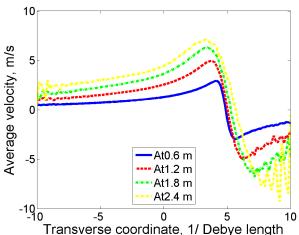


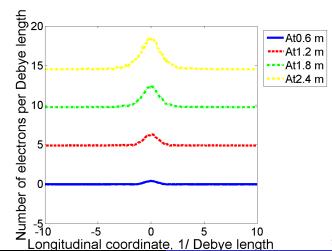
VZ



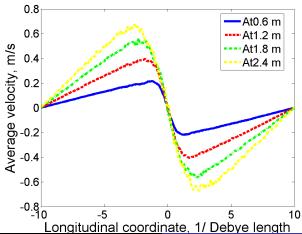


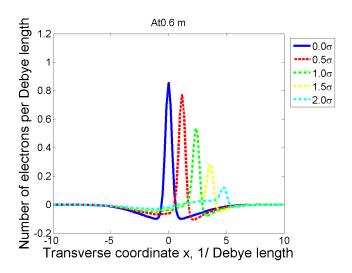


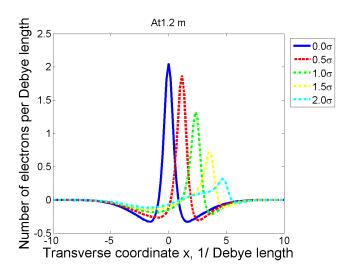


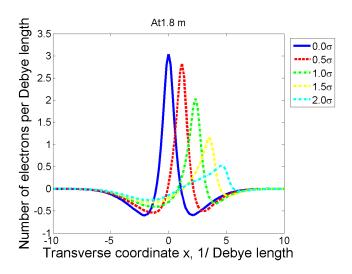


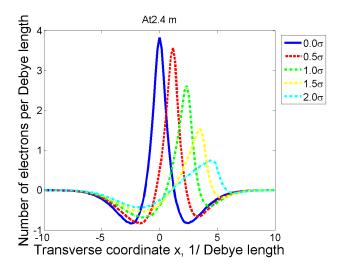
VZ

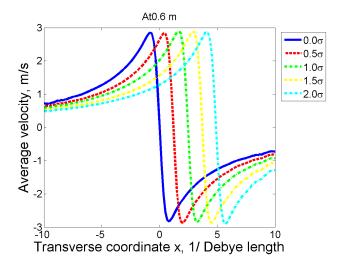


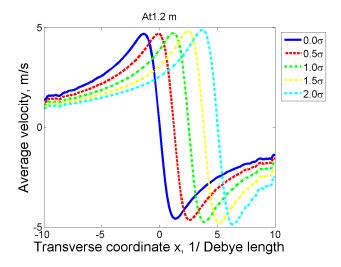


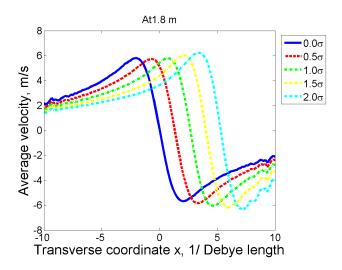


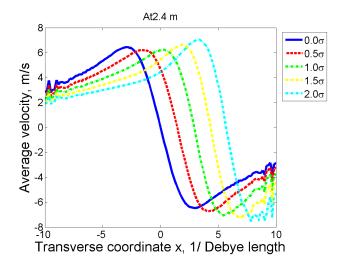


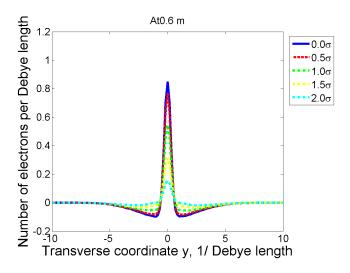


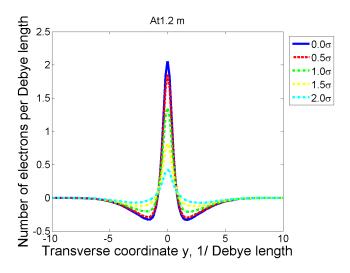


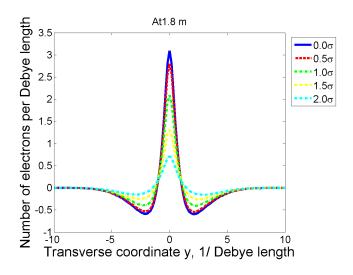


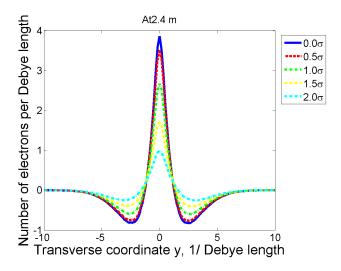


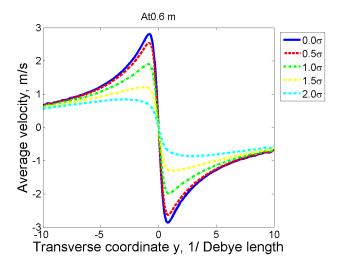


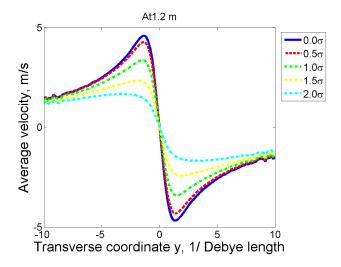


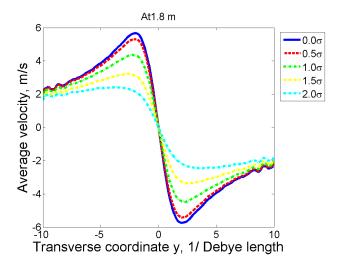


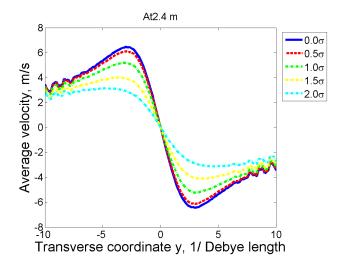


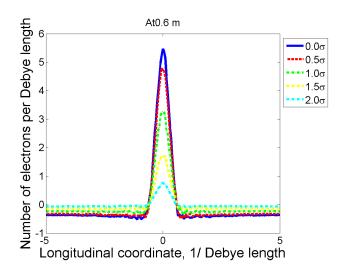


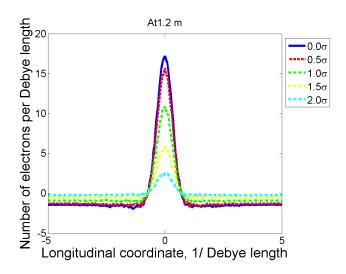


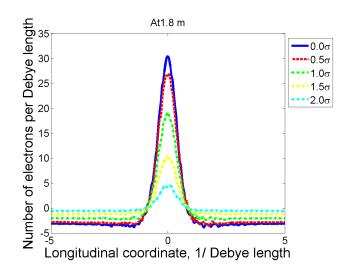


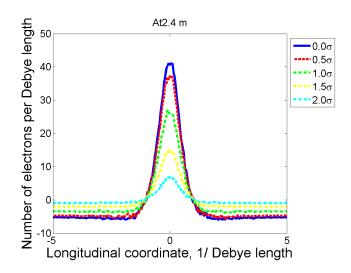


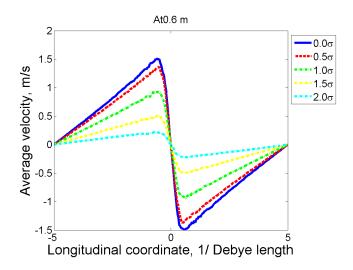


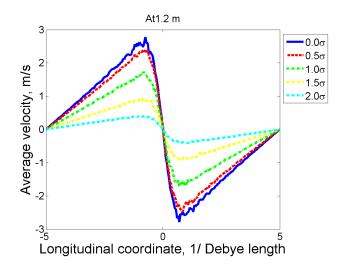


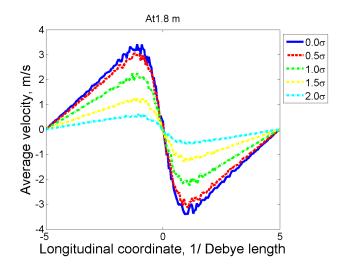


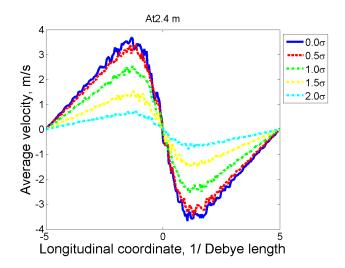


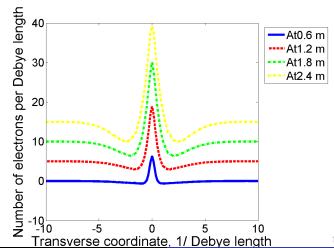




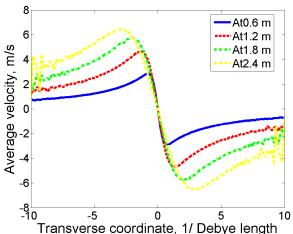


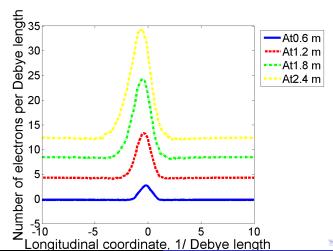


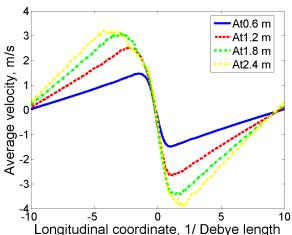


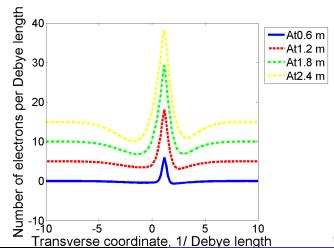




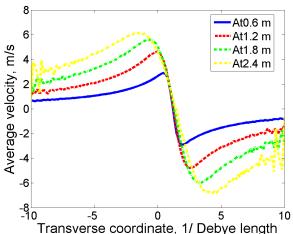


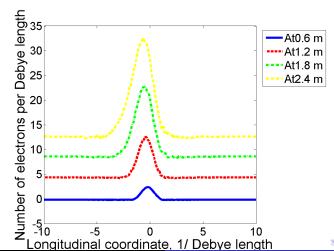




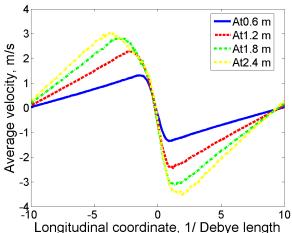


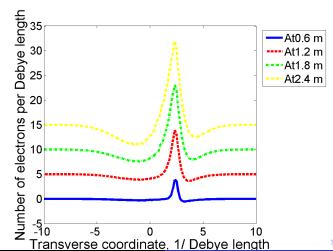




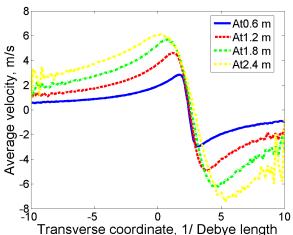


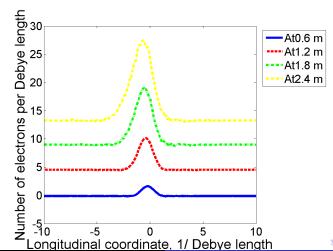
VZ

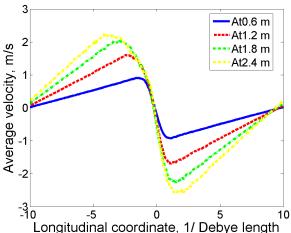


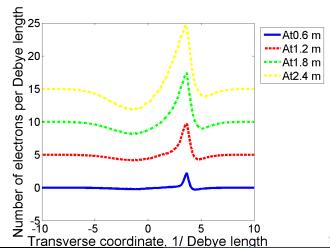




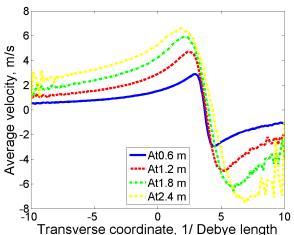


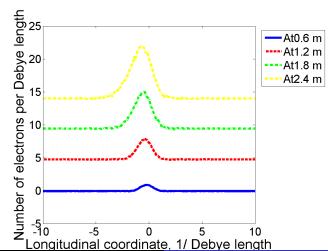




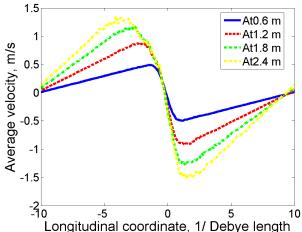


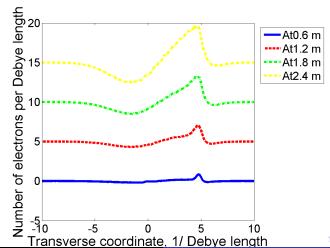




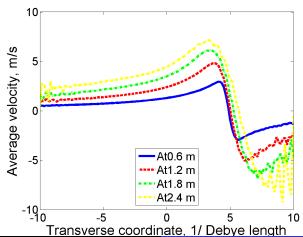


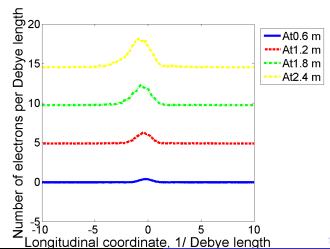
VZ











VZ

