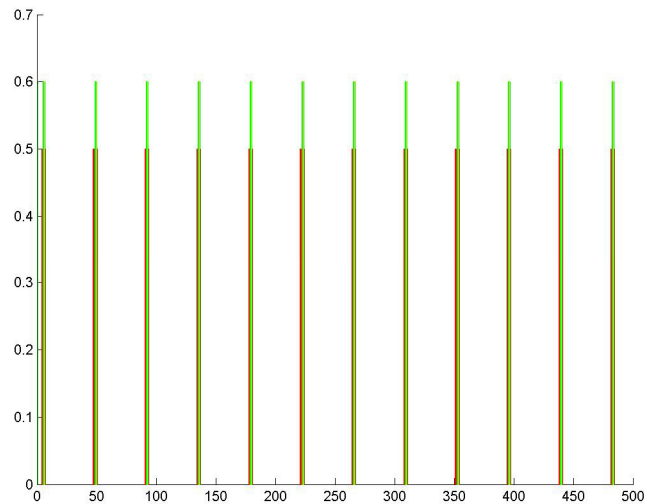
Simple Exercise # 1



6 FODO cells

Length: 520.86 m Begin/Final Energy: 10.00 / 22.48 GeV

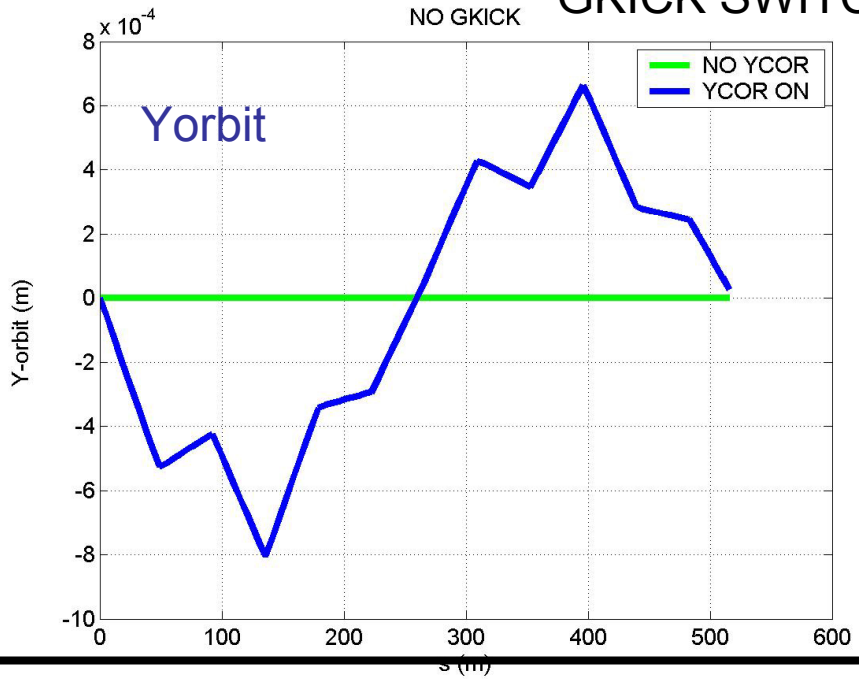
N_elements: 519 N_markers: 1
N_bend: 0 N_quad: 12
N_struc: 384
N_bpms: 96

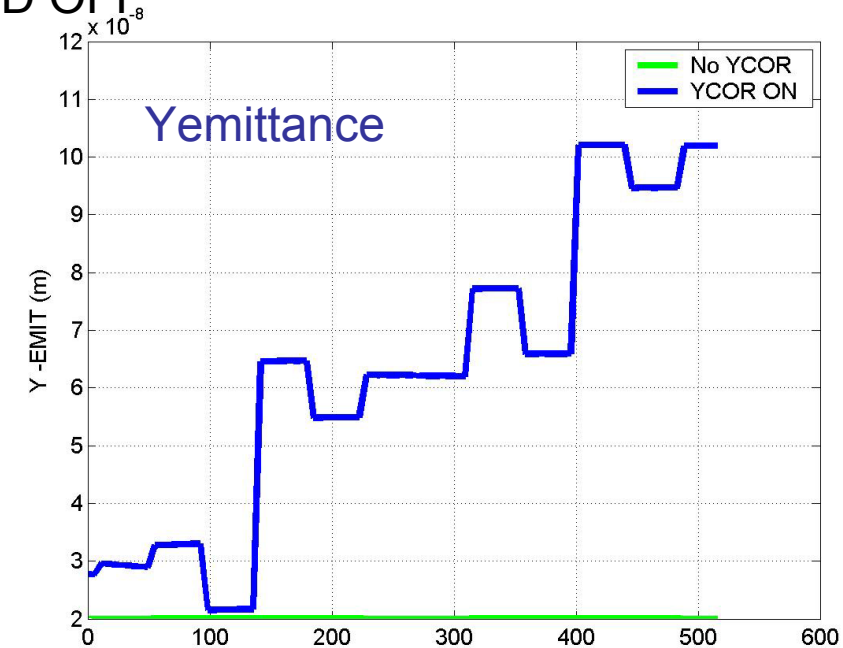
- Initial condition (x,y,xp,yp,detax,detay,detapx,detapy) = (0,0,0,0,0,0,0,0)

ONE Corrector and ONE GKICK just at the begining of the lattice (both together)

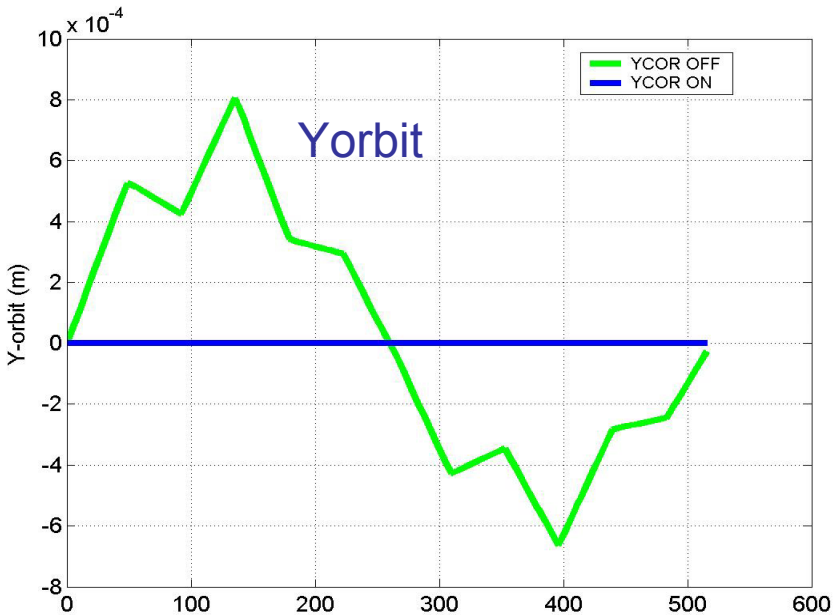
If (GKICK or/& YCOR SWITCHED ON) **KICK = DYP : - 10 micro rad**

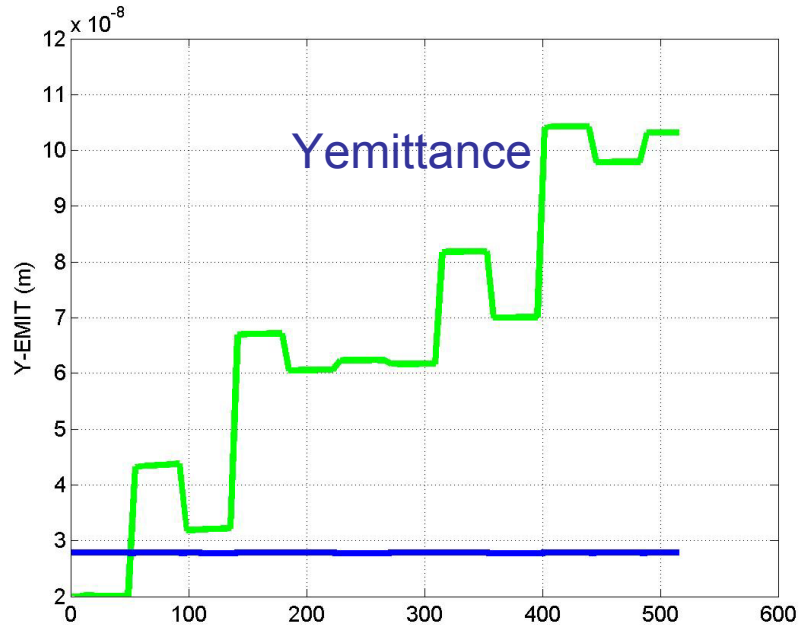
GKICK SWITCHED OFF





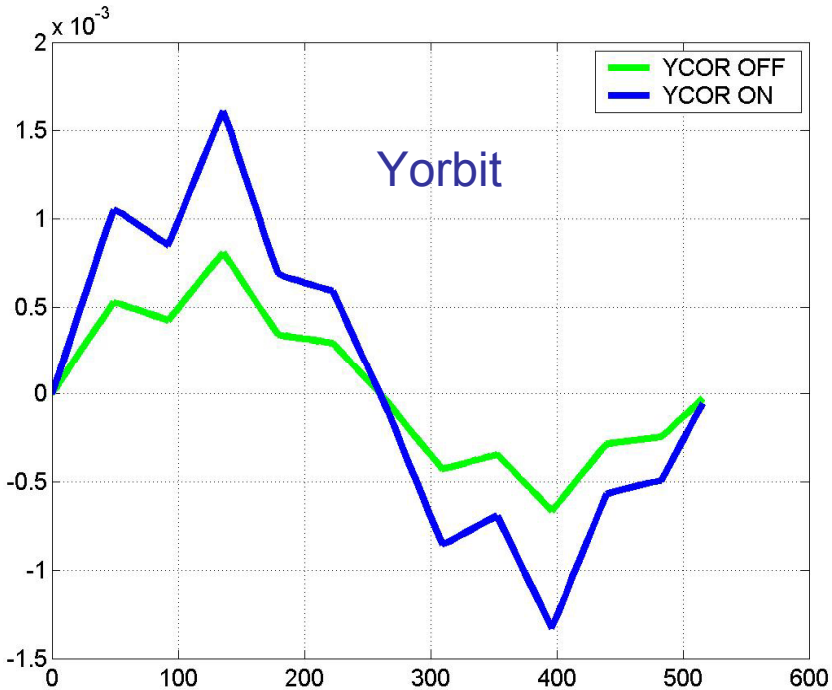
GKICK SWITCHED ON

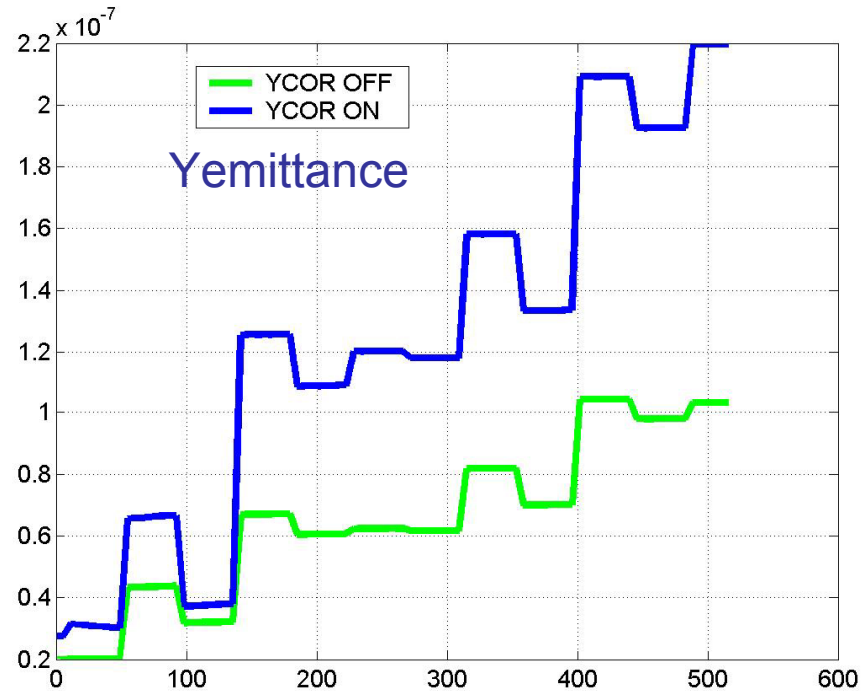




GKICK **DYP :** **- 10 micro rad**

YCOR KICK : **+ 10 micro rad**

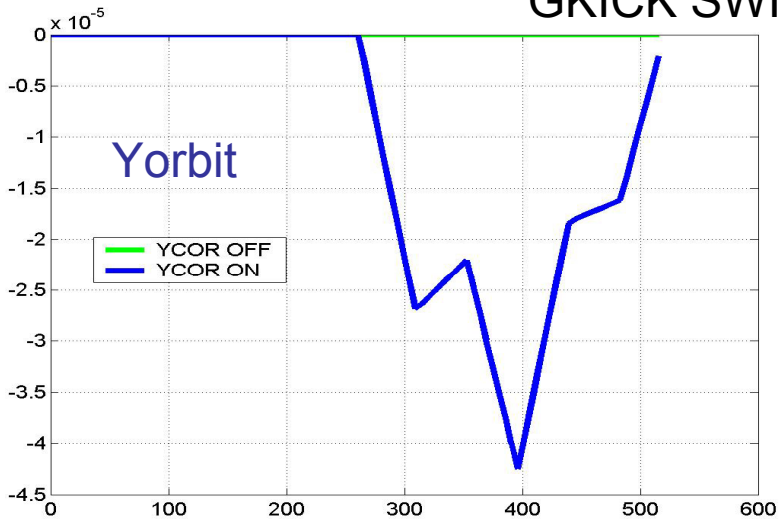


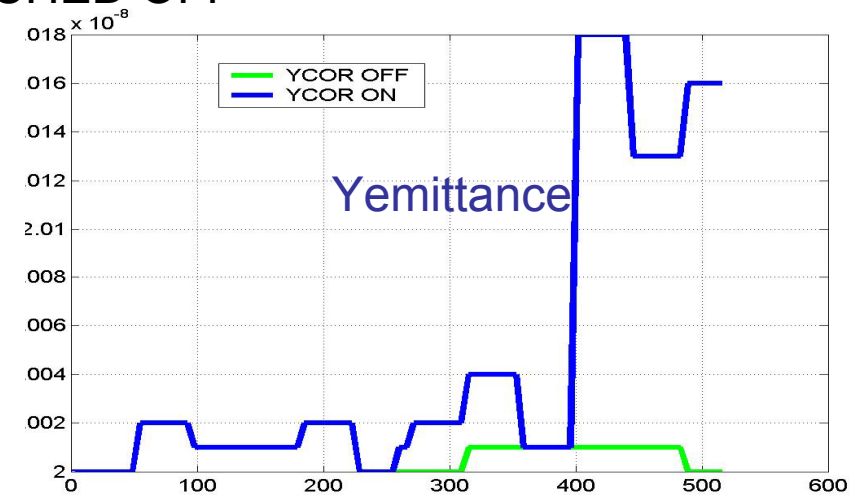
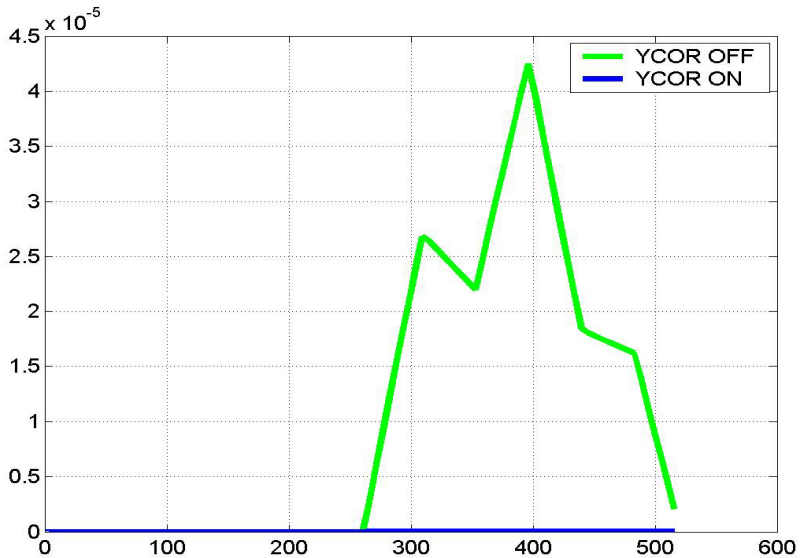
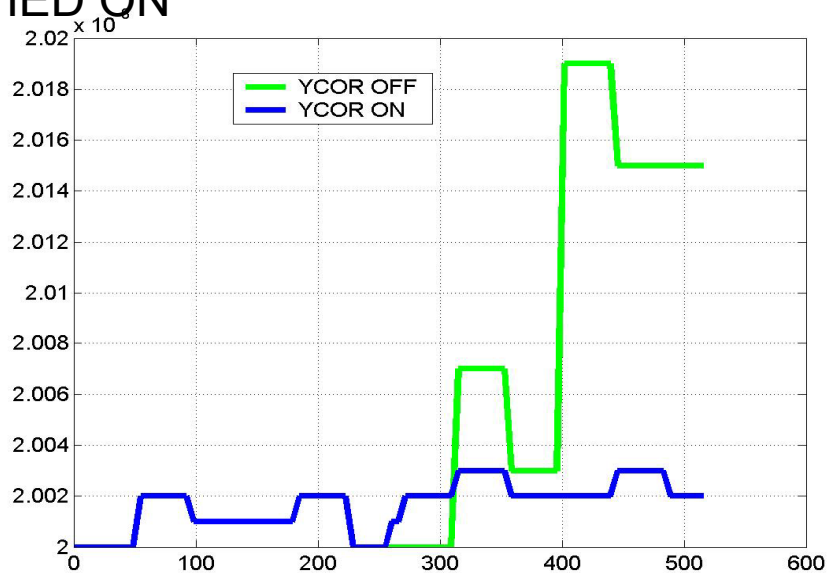


Simple Exercise # 2

ONE Y Corrector and ONE GKICK just at the middle of the lattice (both together)
i.e. After three FODO cell; **DYP = Kick = - 0.5 micro radian (if ON)**

GKICK SWITCHED OFF





GKICK SWITCHED ON