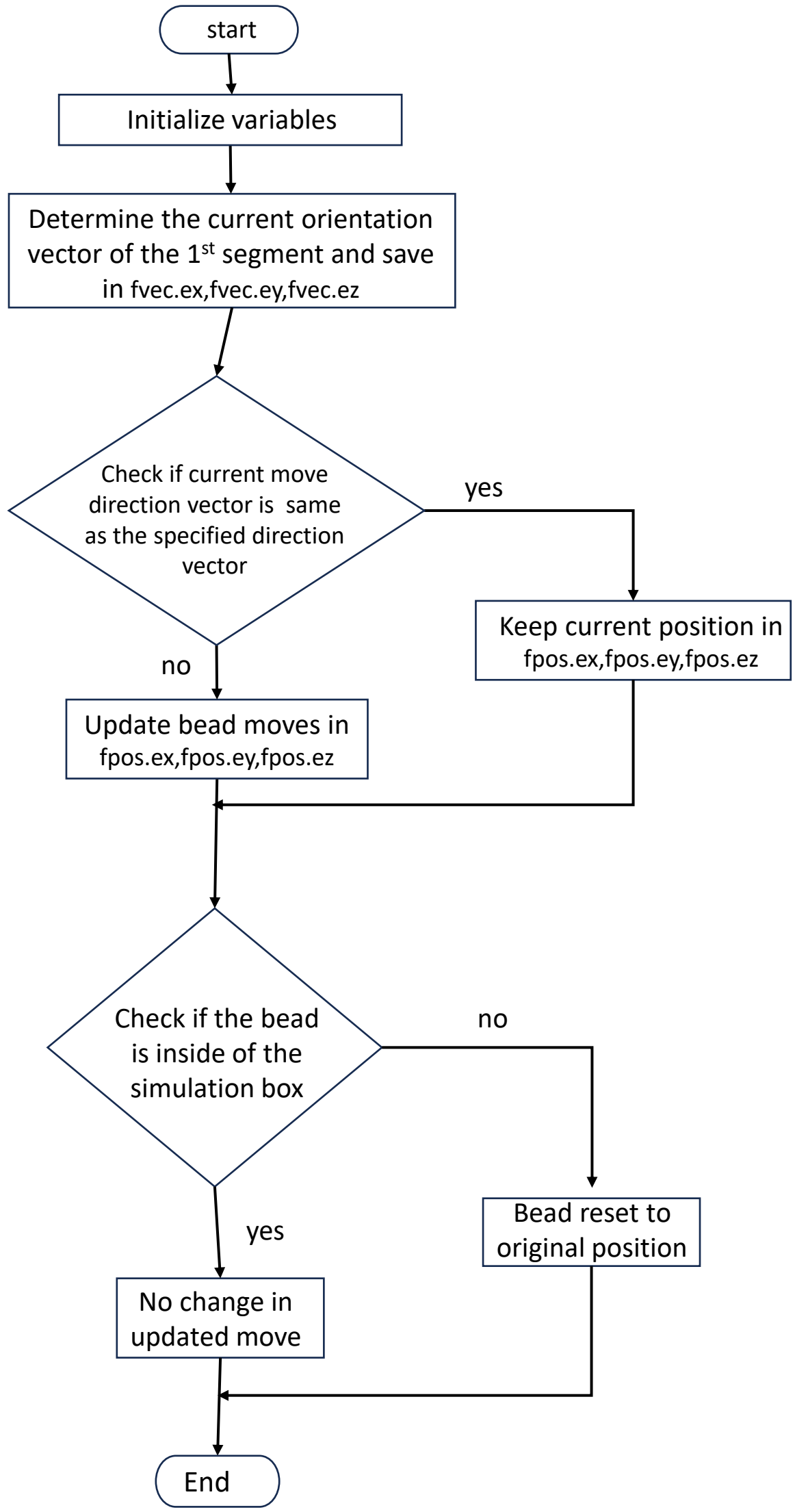
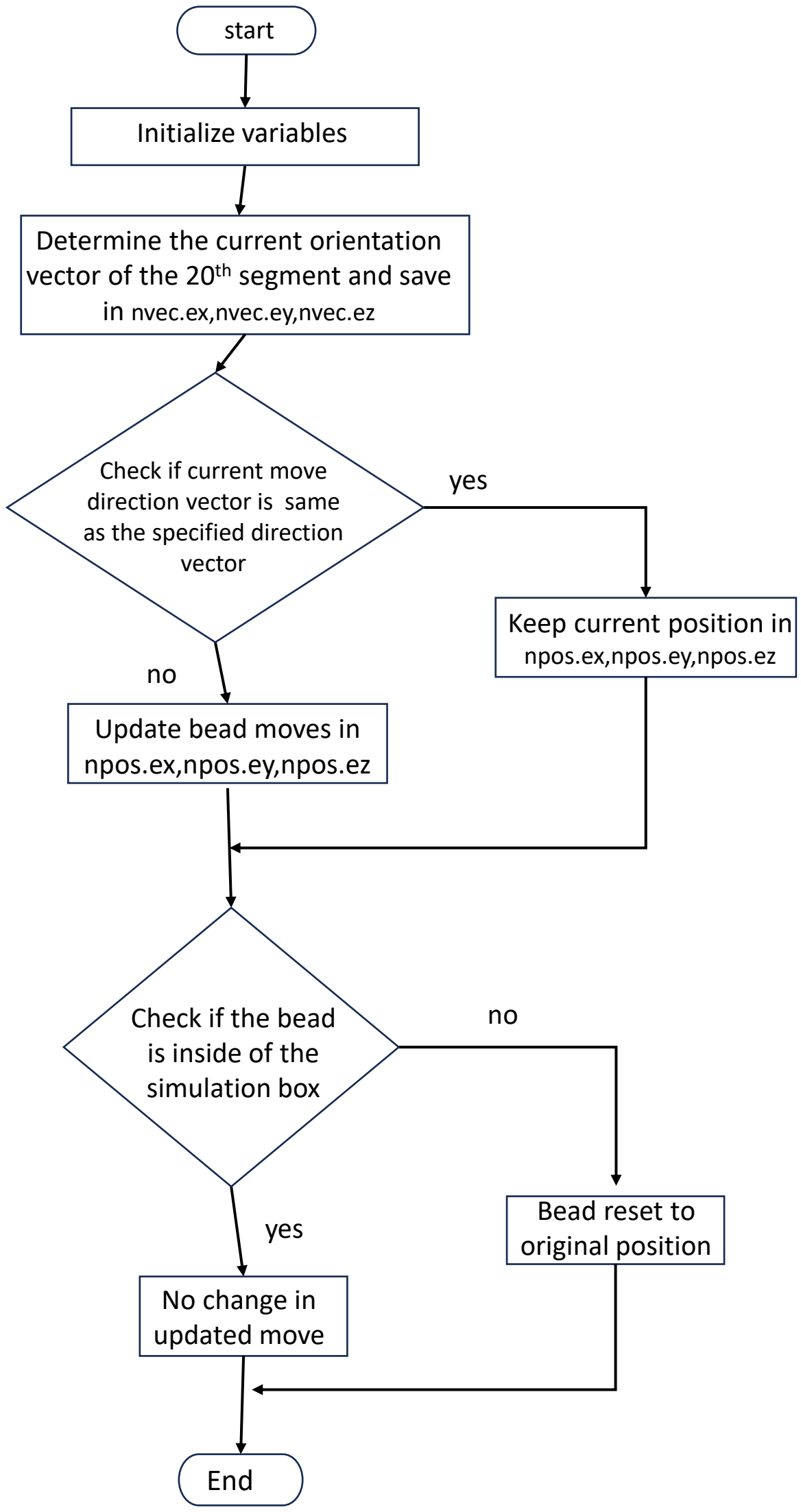
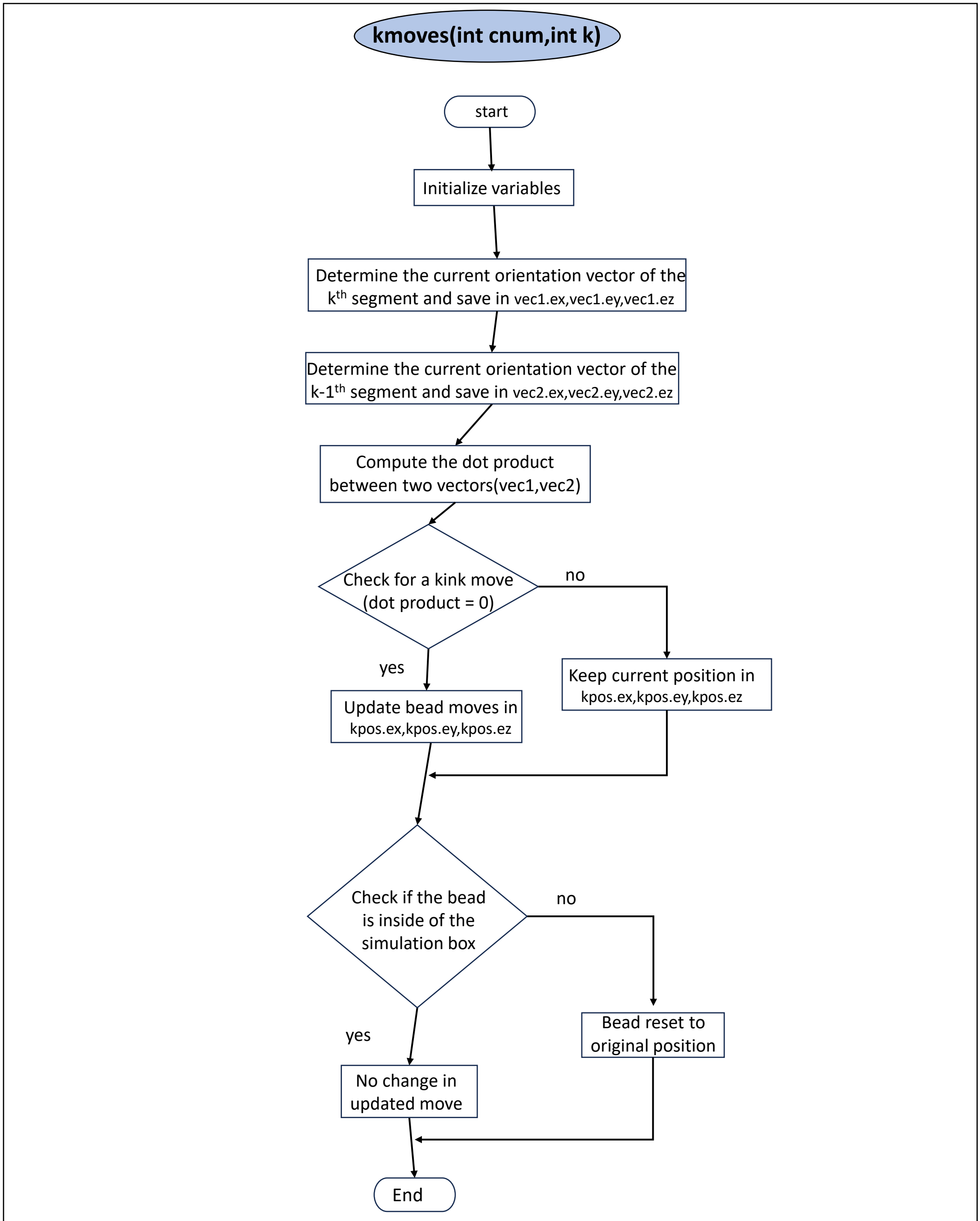
Subroutines for the confined system:

fmoves(int cnum,int r)

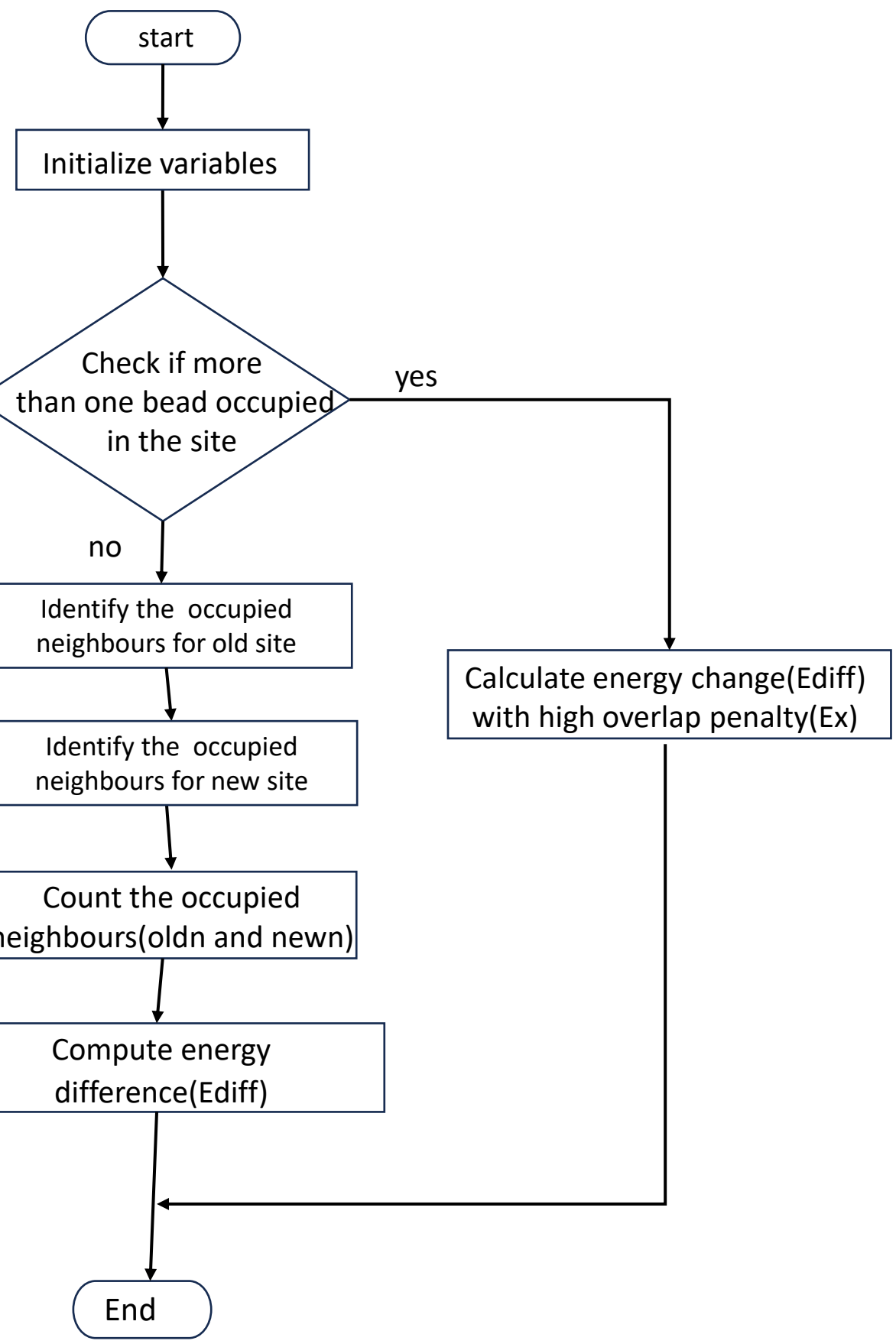


nmoves(int cnum,int r)

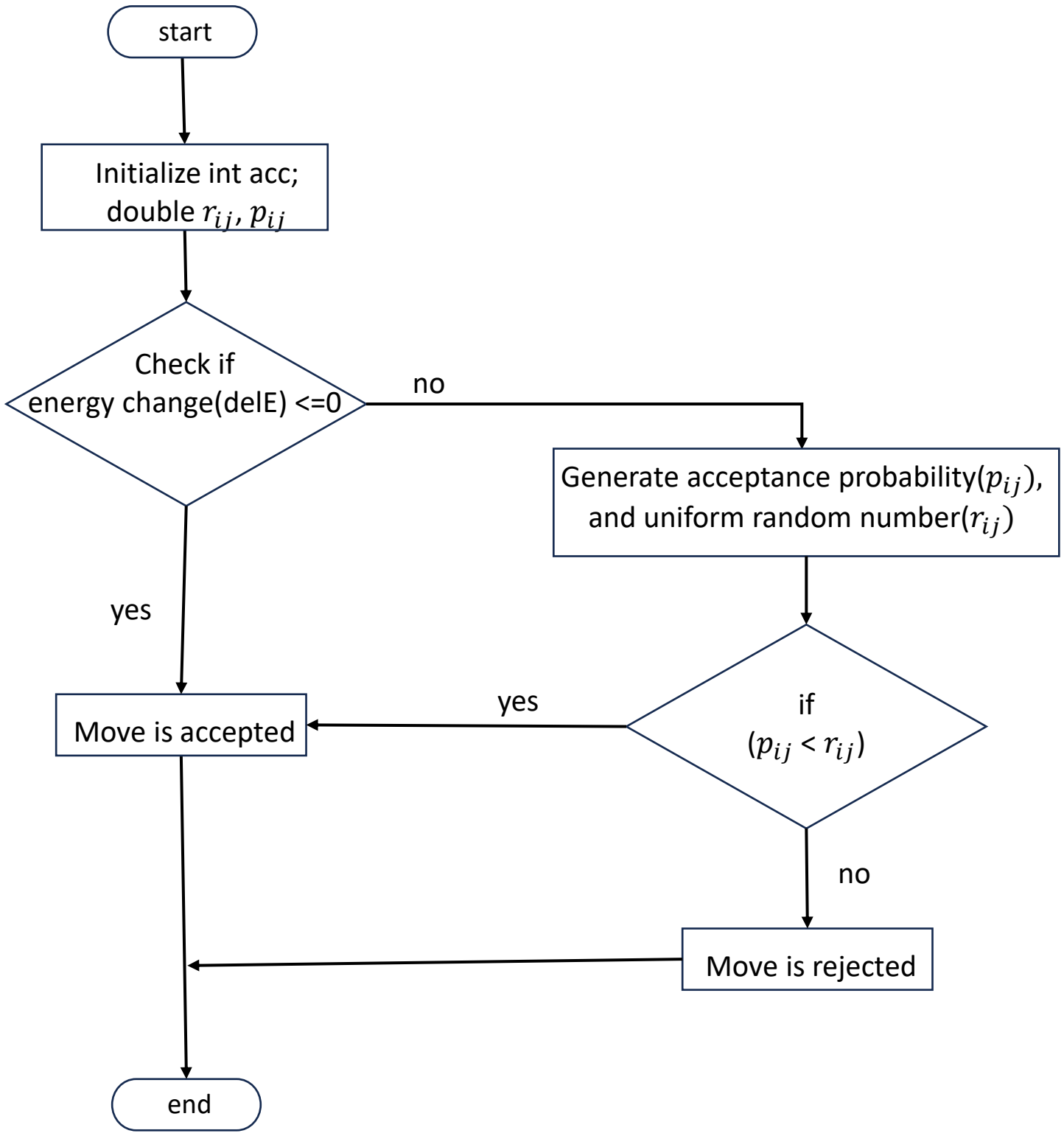



kmoves(int cnum,int k)
start
Initialize variables
Determine the current orientation vector of the k^th segment and save in vec1.ex,vec1.ey,vec1.ez
Determine the current orientation vector of the k-1^th segment and save in vec2.ex,vec2.ey,vec2.ez
Compute the dot product between two vectors(vec1,vec2)
Check for a kink move (dot product = 0)
no
yes
Keep current position in kpos.ex,kpos.ey,kpos.ez
Update bead moves in kpos.ex,kpos.ey,kpos.ez
Check if the bead is inside of the simulation box
no
yes
Bead reset to original position
No change in updated move
End

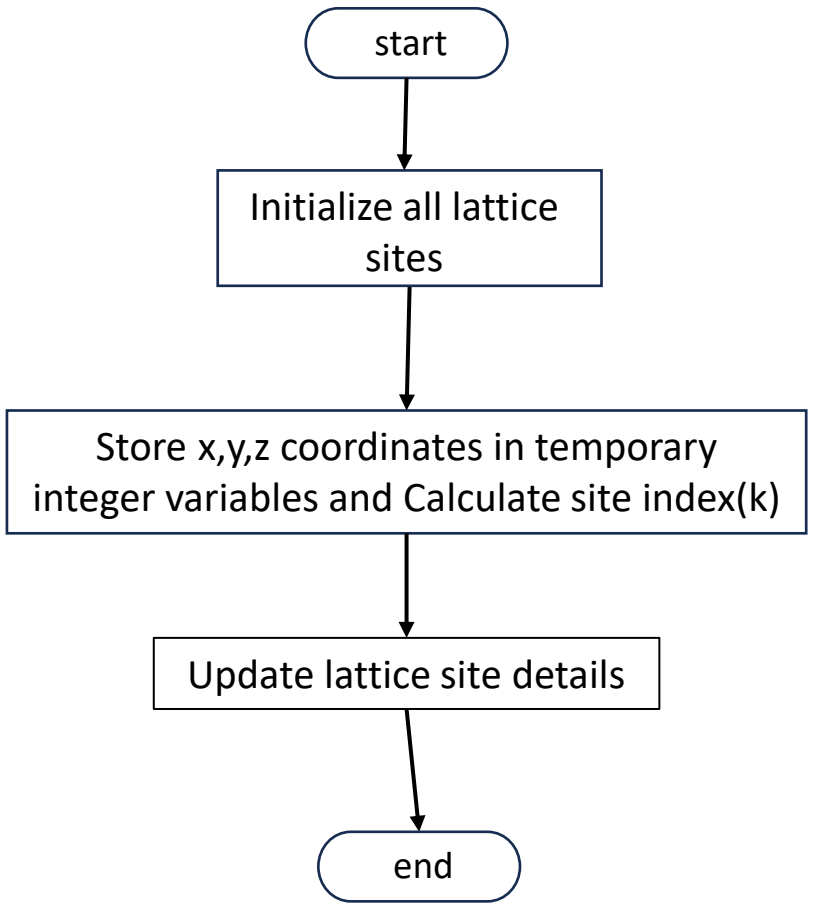
deltaE(int olds,int news)



metrop(double delE)



Sstate()



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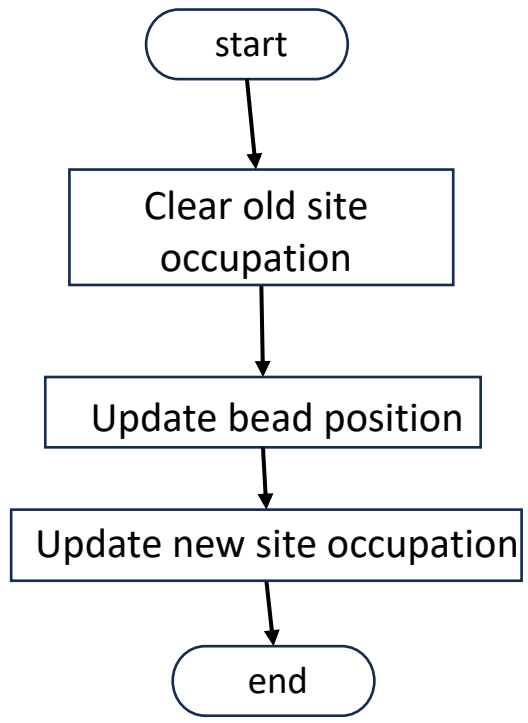
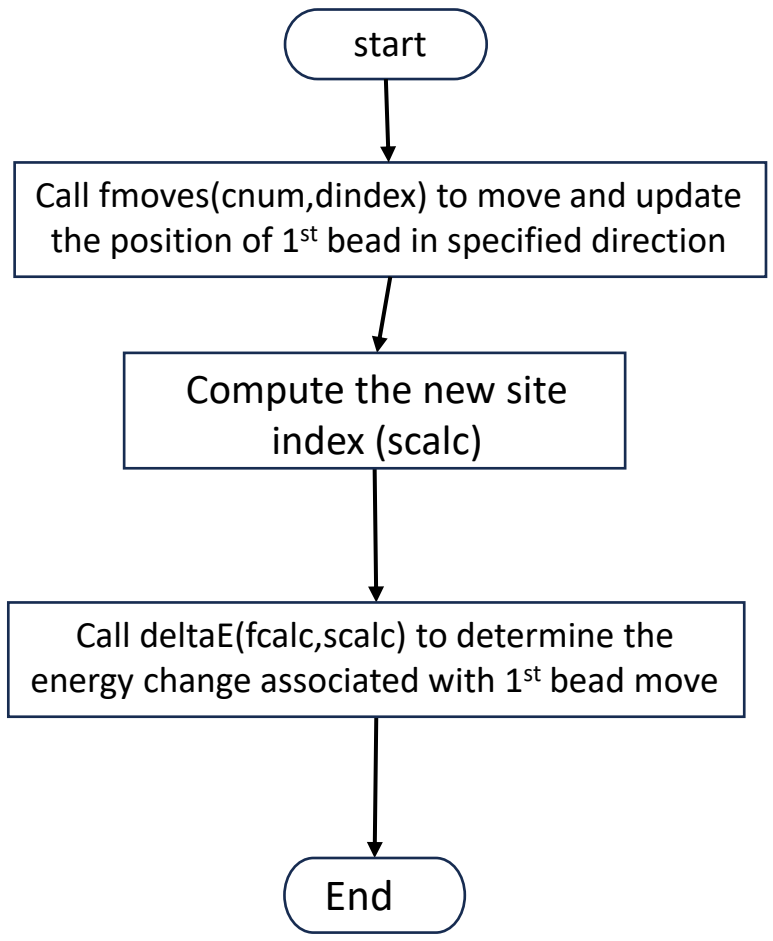
accmov(int cnum,int bnum,int pcalc,int scalc,struct vec mpos)



fmeval(int cnum,int dindex,int fcalc)



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lmeval(int cnum,int dindex,int lcalc)