wx

[wx\_start:0.1:wx\_end]'

wx\_amp \* sin(wx\_f \* 2 \* pi \* [wx\_start:0.1:wx\_end]')

wy

[wy\_start:0.1:wy\_end]'

wy\_amp \* sin(wy\_f \* 2 \* pi \* [wy\_start:0.1:wy\_end]')

wz

[wz\_start:0.1:wz\_end]'

wz\_amp \* sin(wz\_f \* 2 \* pi \* [wz\_start:0.1:wz\_end]')

alx

[wx\_start:0.1:wx\_end]'

wx\_f\*2\*pi\*wx\_amp \* cos(wx\_f\*2\*pi\*[wx\_start:0.1:wx\_end]')

aly

[wy\_start:0.1:wy\_end]'

wy\_f\*2\*pi\*wy\_amp \* cos(wy\_f\*2\*pi\*[wy\_start:0.1:wy\_end]')

alz

[wz\_start:0.1:wz\_end]'

wz\_f\*2\*pi\*wz\_amp \* cos(wz\_f\*2\*pi\*[wz\_start:0.1:wz\_end]')

vx

[vx\_start:0.1:vx\_end]'

vx\_amp \* sin(vx\_f \* 2 \* pi \* [vx\_start:0.1:vx\_end]')

vy

[vy\_start:0.1:vy\_end]'

vy\_amp \* sin(vy\_f \* 2 \* pi \* [vy\_start:0.1:vy\_end]')

vz

[vz\_start:0.1:vz\_end]'

vz\_amp \* sin(vz\_f \* 2 \* pi \* [vz\_start:0.1:vz\_end]')

ax

[vx\_start:0.1:vx\_end]'

vx\_f \* 2 \* pi \* vx\_amp \* cos(vx\_f \* 2 \* pi \* [vx\_start:0.1:vx\_end]')

ay

[vy\_start:0.1:vy\_end]'

vy\_f \* 2 \* pi \* vy\_amp \* cos(vy\_f \* 2 \* pi \* [vy\_start:0.1:vy\_end]')

az

[vz\_start:0.1:vz\_end]'

vz\_f \* 2 \* pi \* vz\_amp \* cos(vz\_f \* 2 \* pi \* [vz\_start:0.1:vz\_end]')