CMBC // Change the Master Blocks' Boundary Conditions

Number of the master blocks

For every block

{

Block number

Number of boundary conditions

For every boundary condition

{

B.C type

Function type

Node number at which boundary condition is applied

Direction

Displacement magnitude, speed or frequency

// If the function type is sine function

Total time for applying the function

}

}

OTPC // Output Particles' Centroids

{

File name

}

OTSC // Output specific contact for a master block

{

Block number // start from 0

File name

}

ACPM // Apply Constant Pressure on the Membranes

{

The number of the top platen // start from 0

Pressure // Pa

}

AFDM // Apply Forces on Different Master blocks

{

N // The amount of the block

for every block

{

Block number

Specified time step

Force components at x, y, z direction

}

}

AHFDM // Apply Harmonic Forces on Different Master blocks

{

N // The amount of the block

for every block

{

Block number

Specified time step

Initial force value (绝对值, N)

Amplitude (荷载幅值, N)

frequency (荷载频率, Hz)

Direction (X Y Z in global coordinate system)

}

}