

```
function output = DSEndpoint(input)
x0      = input.phase(1).initialstate;
xf      = input.phase(1).finalstate;
beta    = input.parameter;
output.eventgroup(1).event = [xf(4)-x0(4), xf(5)-x0(5), xf(6)-x0(6)];
output.objective = beta;
```