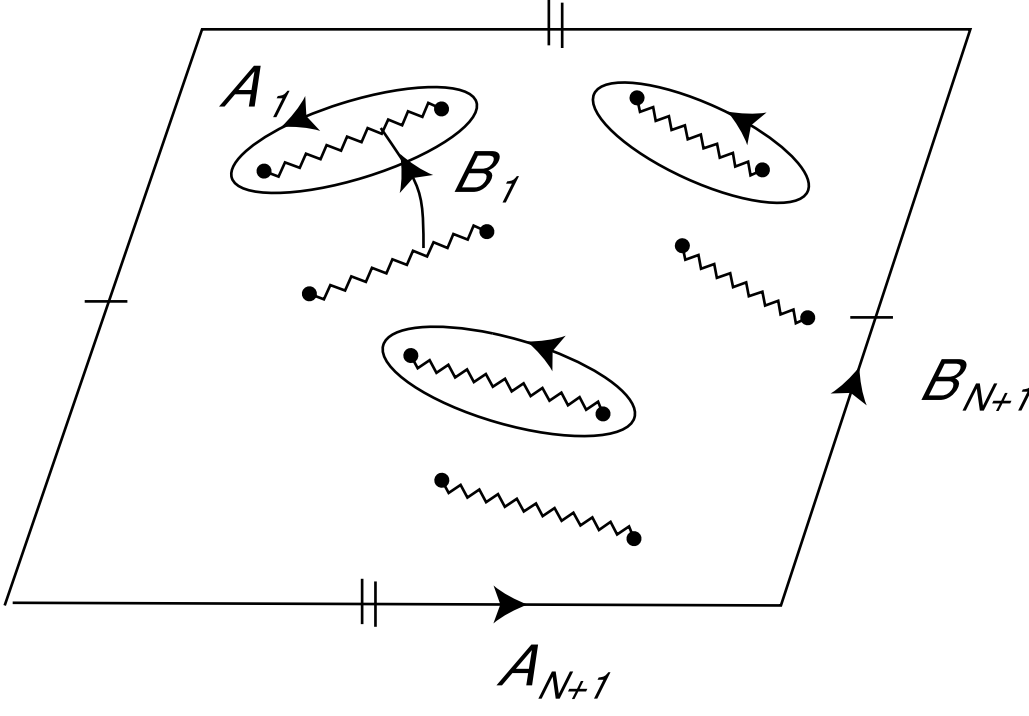
A_1
B_1
B_{N+1}
A_{N+1}