

$N_{ed}=4, p_{ed}=0.25, N_{re}=4, S=10, p=2, c=0.1, N_c=100$
 $d_{\text{attract}}=100, w_{\text{attract}}=0.01, h_{\text{repellant}}=0.4, w_{\text{repellant}}=0.01$

