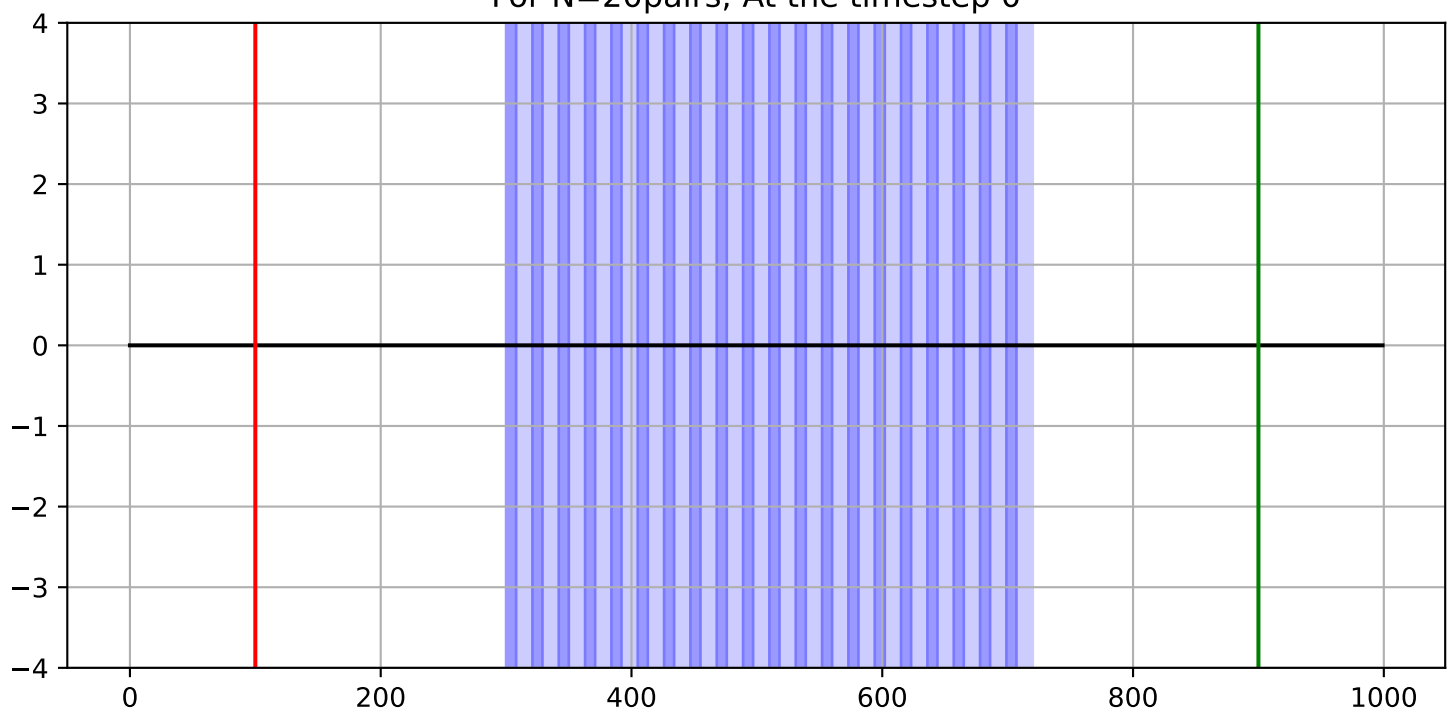
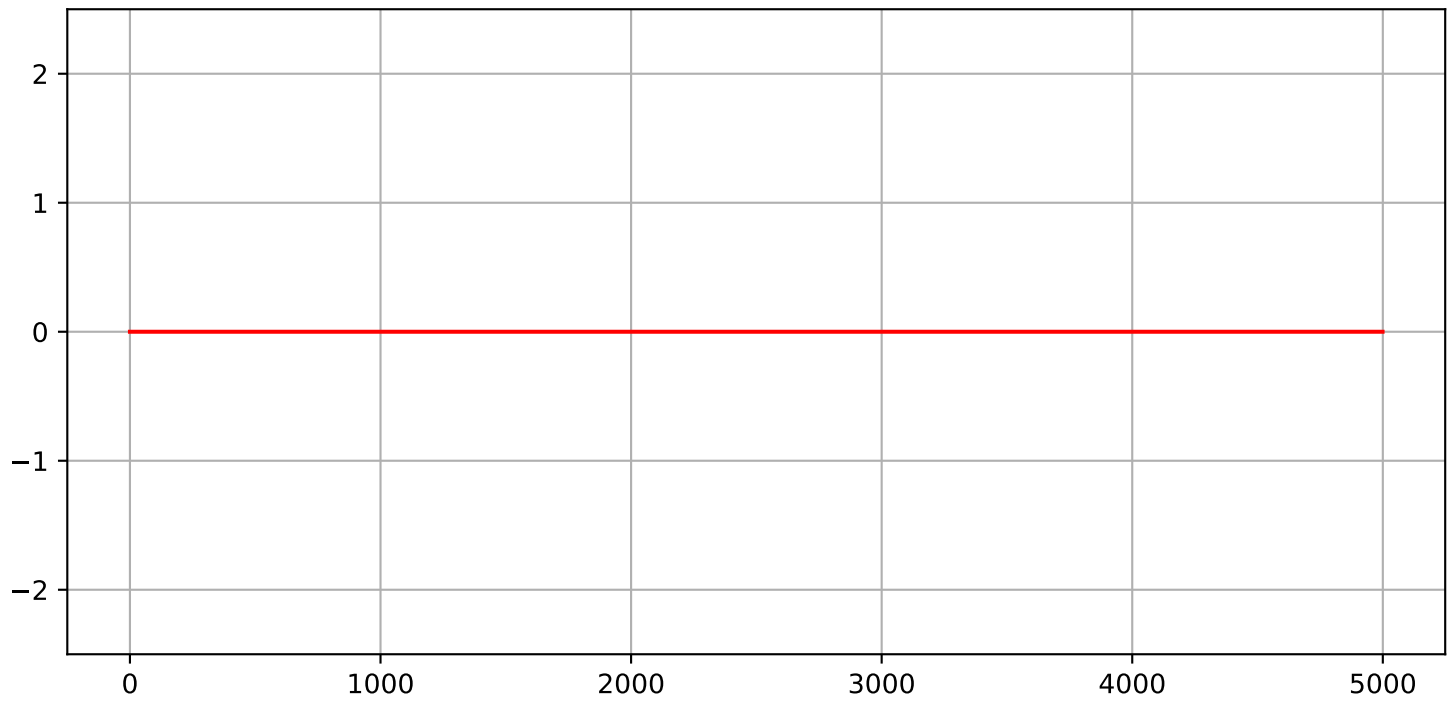


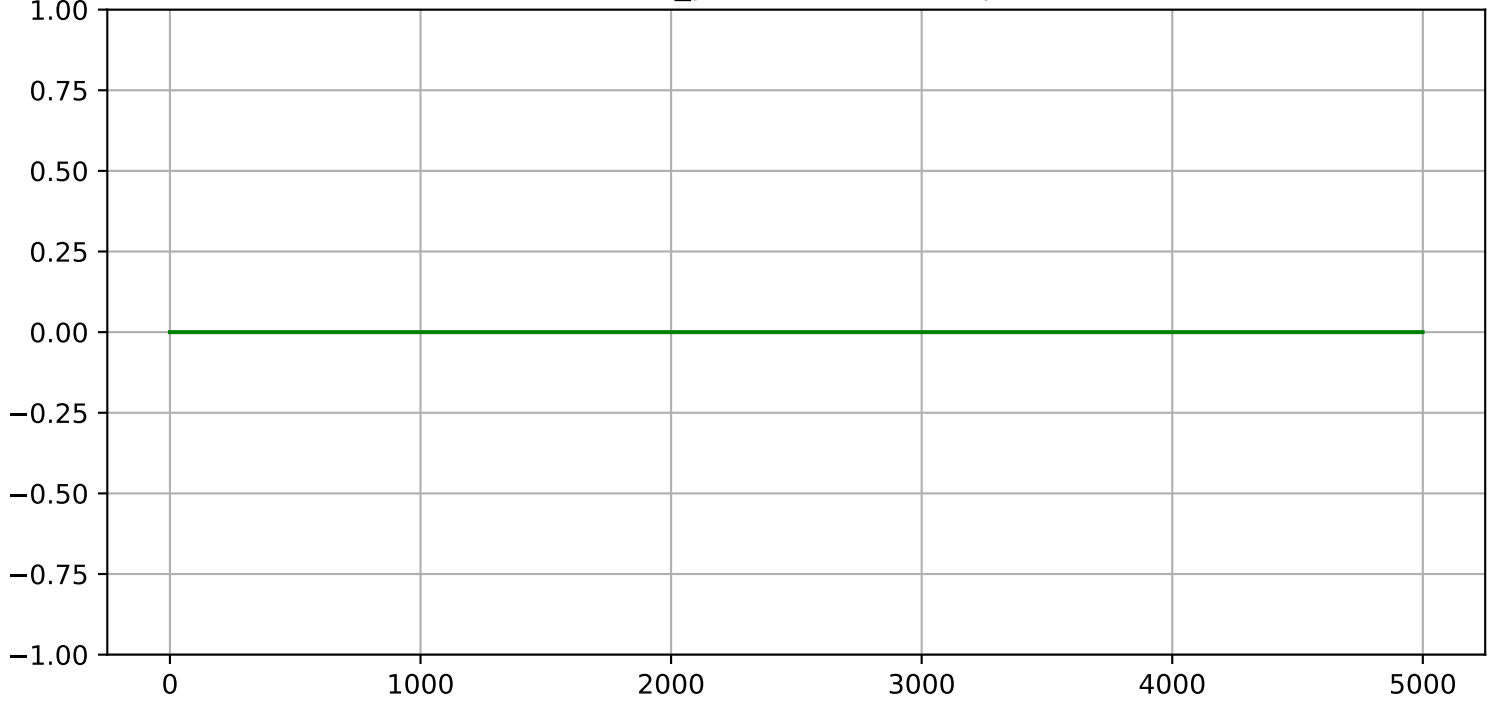
For N=20pairs; At the timestep 0



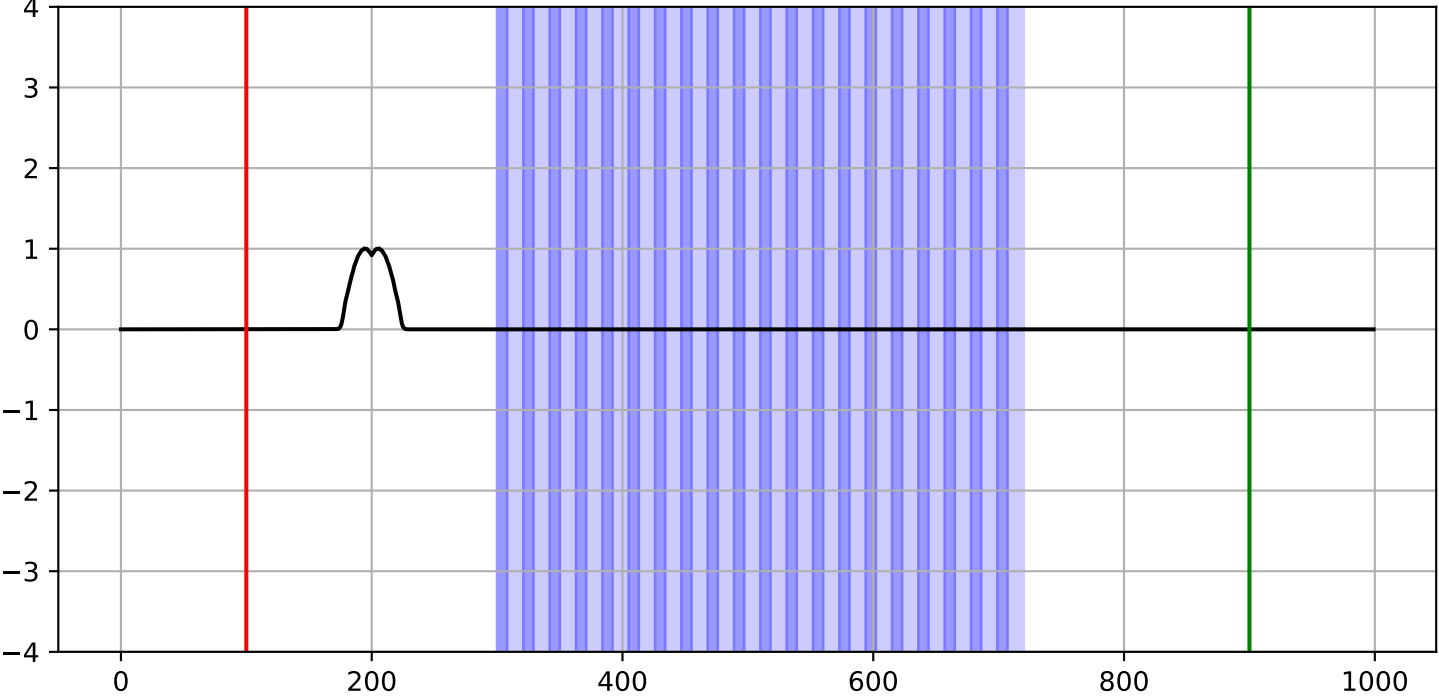
E[100]; At timestep 0



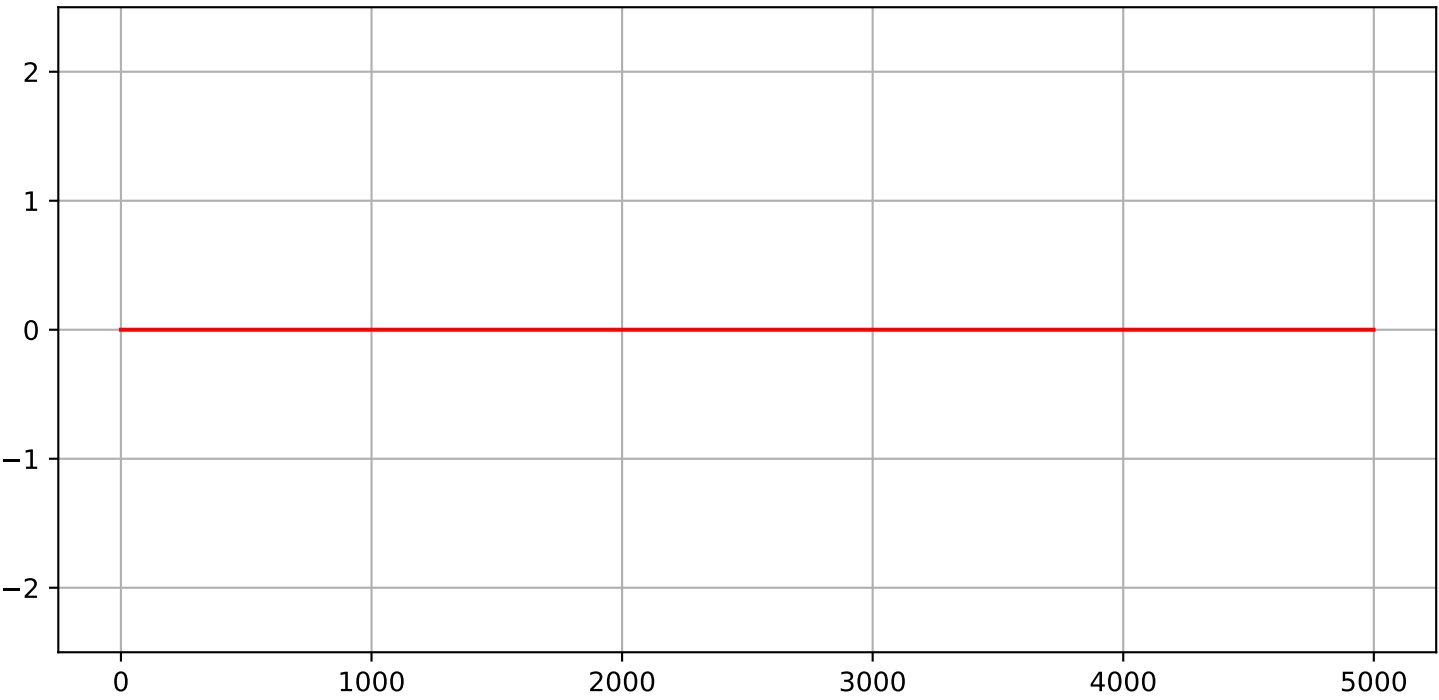
E[trans_probe]; At timestep 0



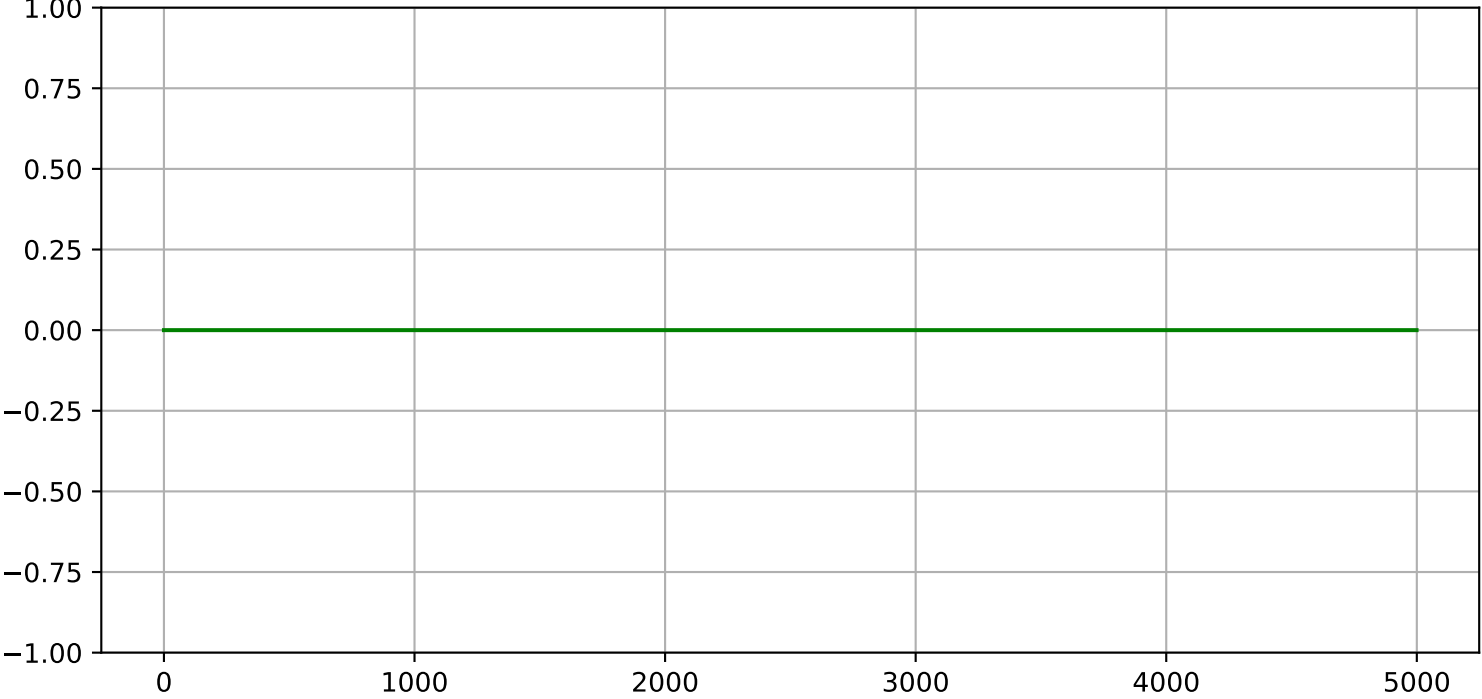
For N=20pairs; At the timestep 50



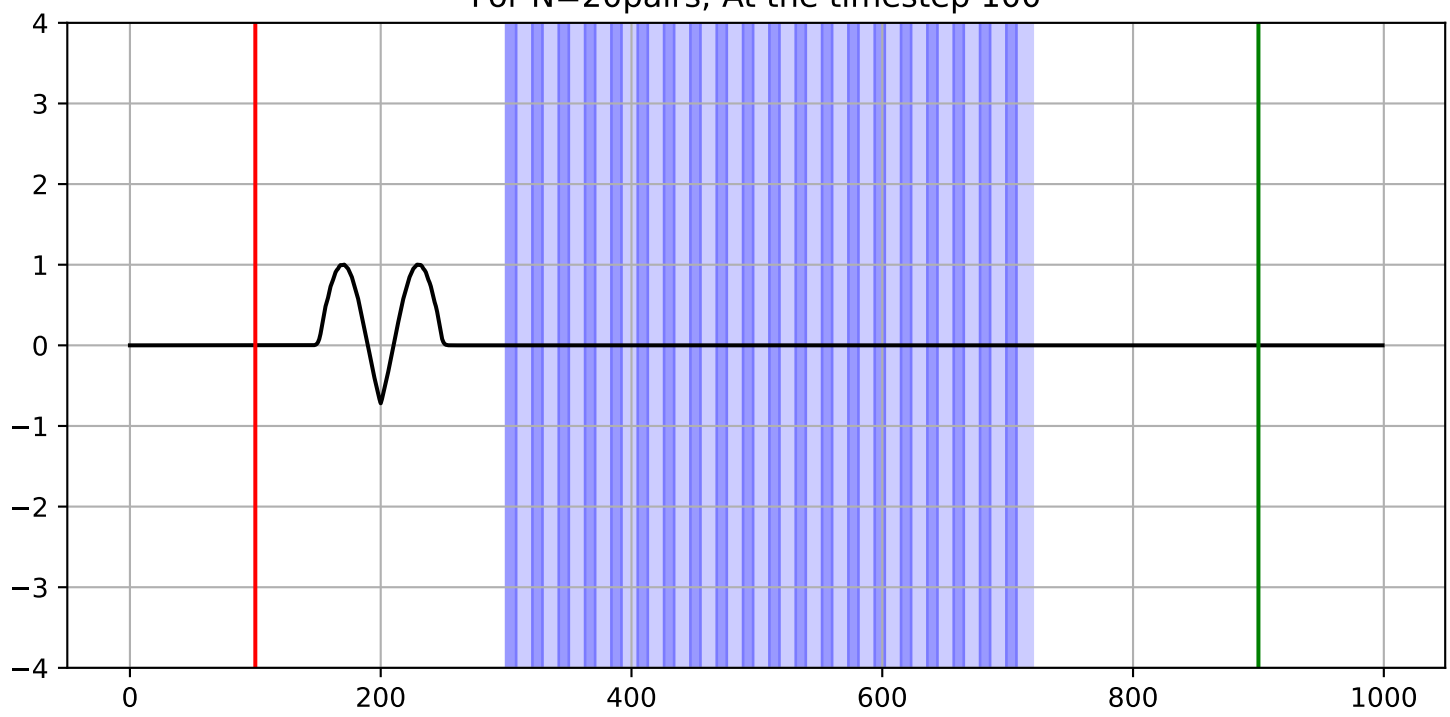
E[100]; At timestep 50



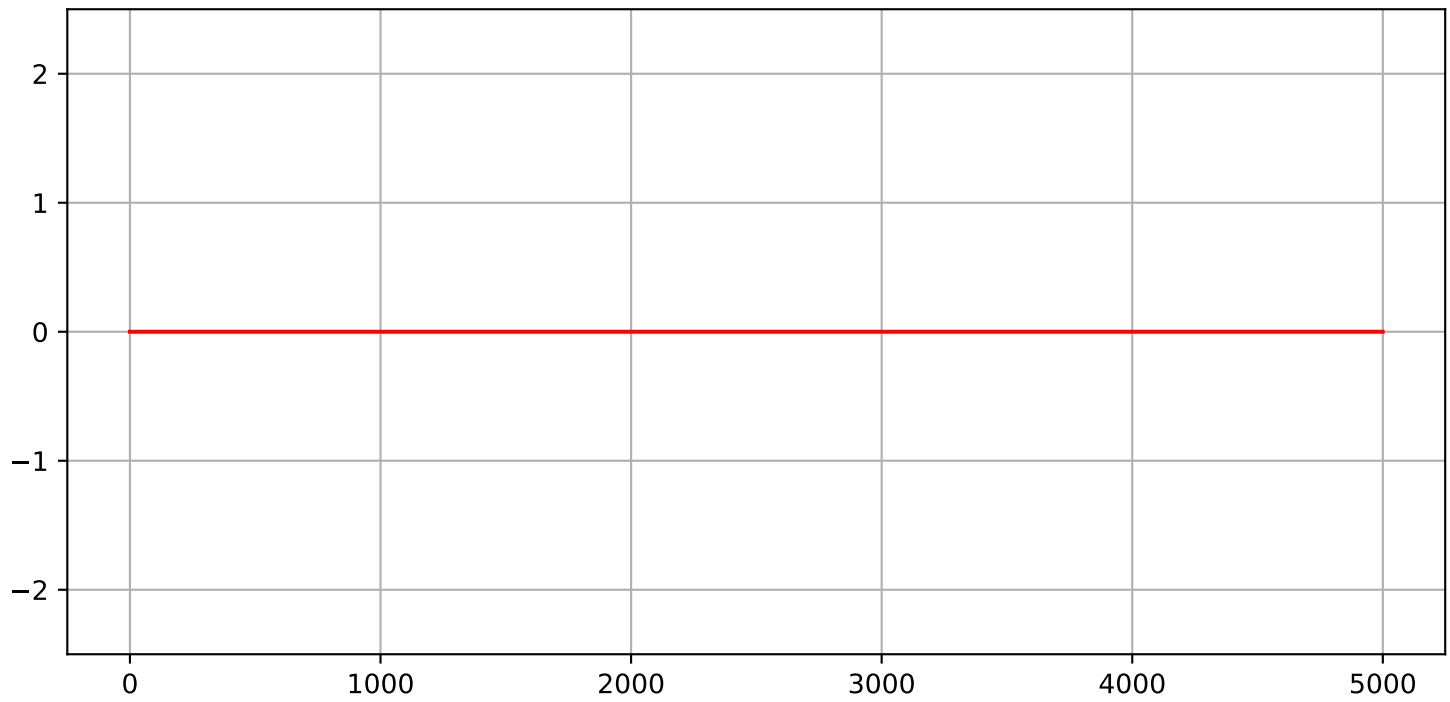
E[trans_probe]; At timestep 50



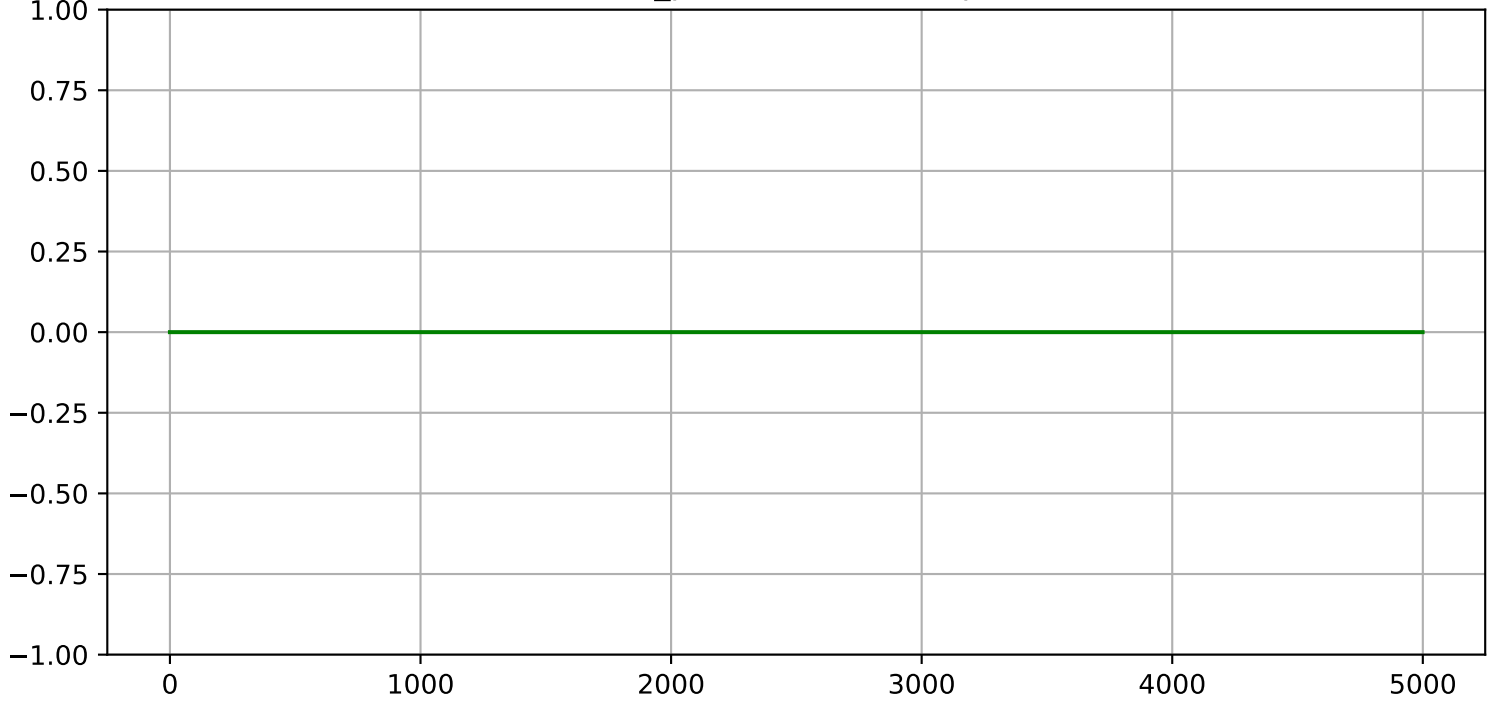
For N=20pairs; At the timestep 100



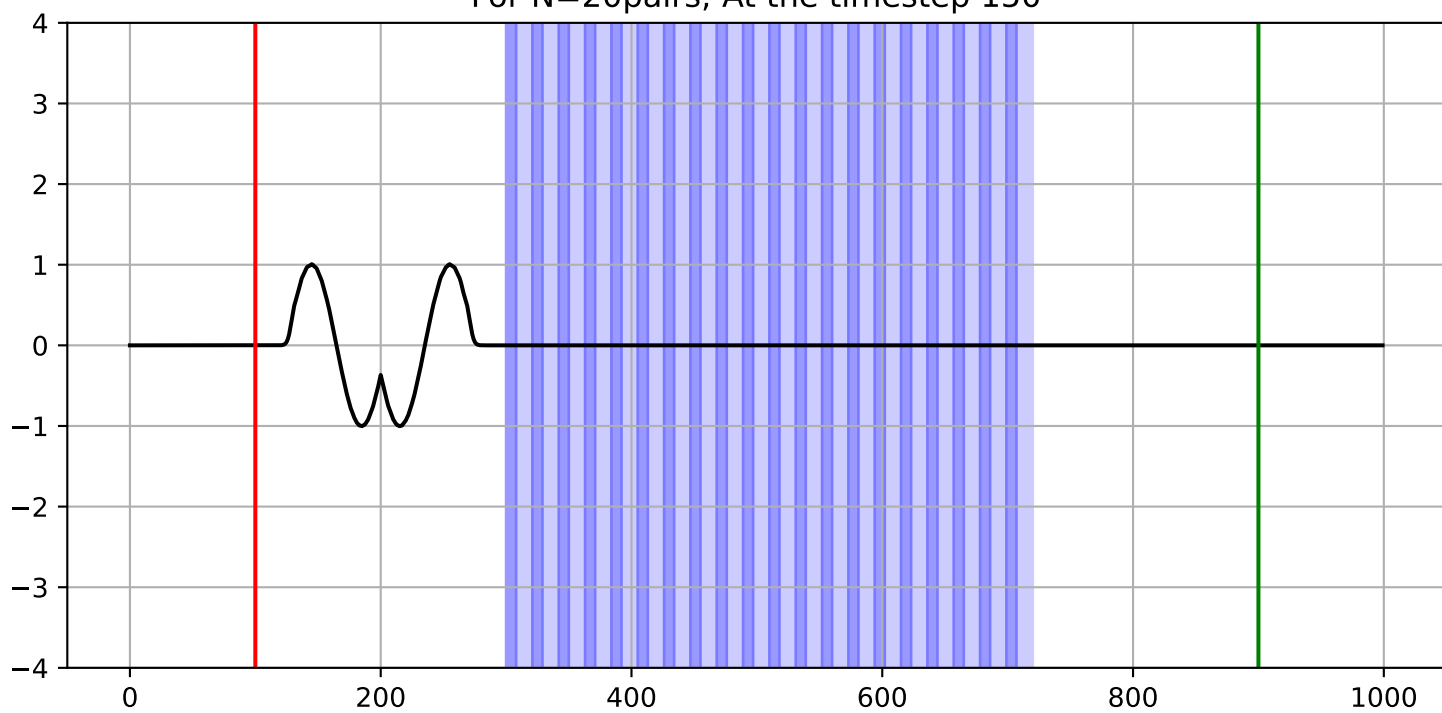
E[100]; At timestep 100



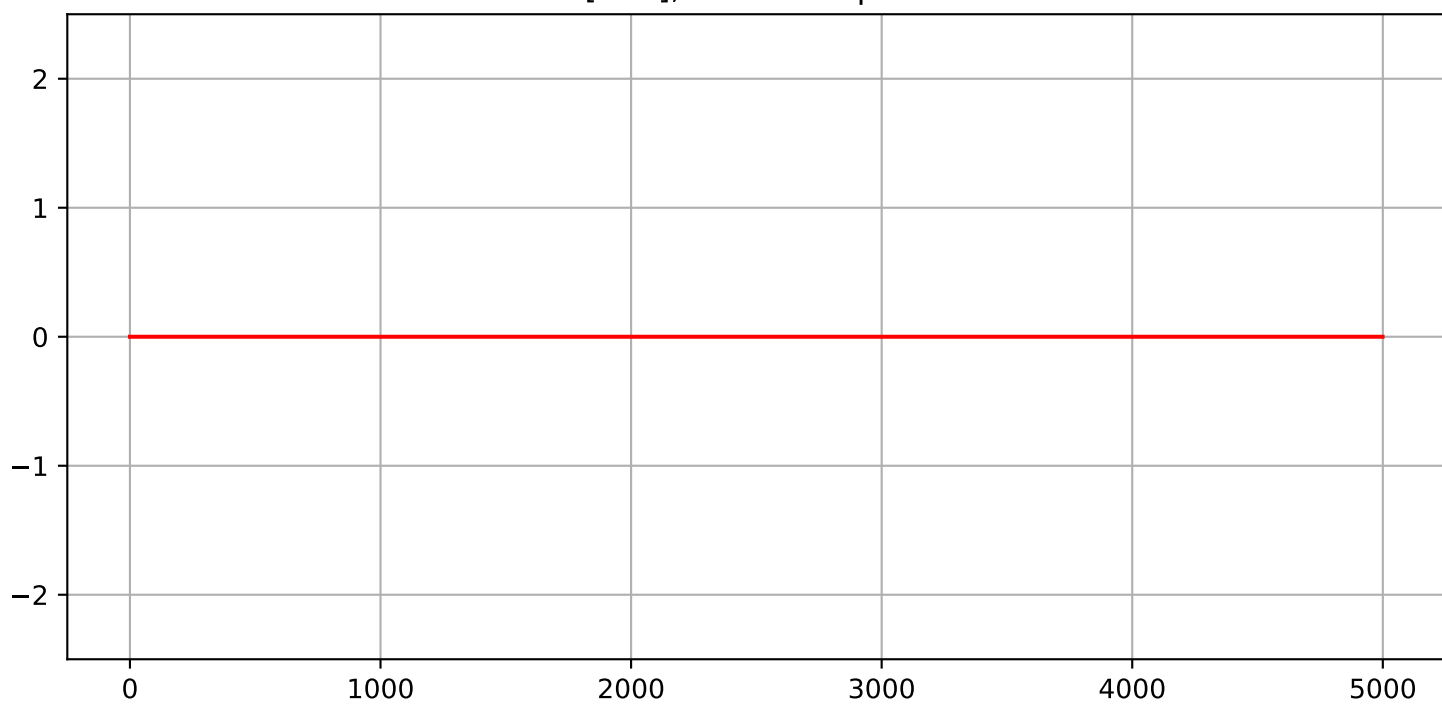
E[trans_probe]; At timestep 100



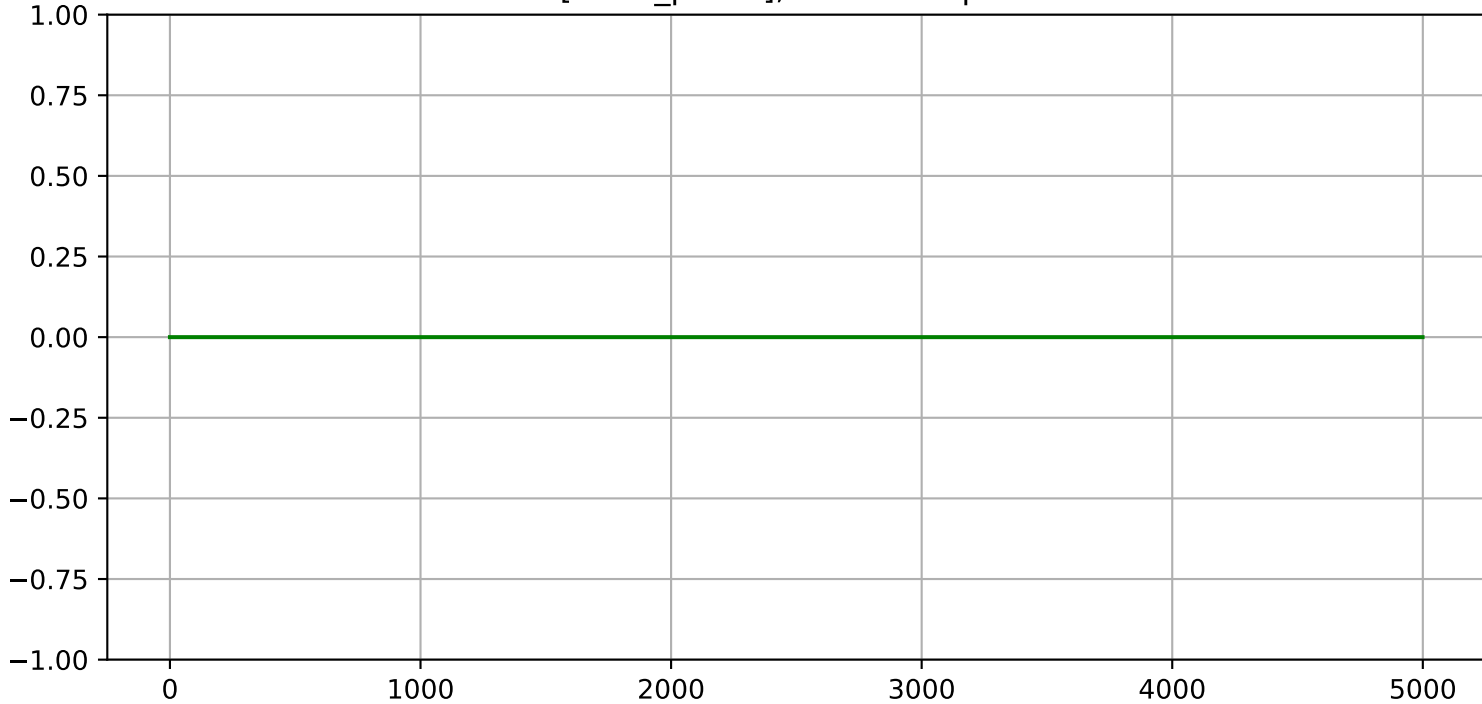
For N=20pairs; At the timestep 150



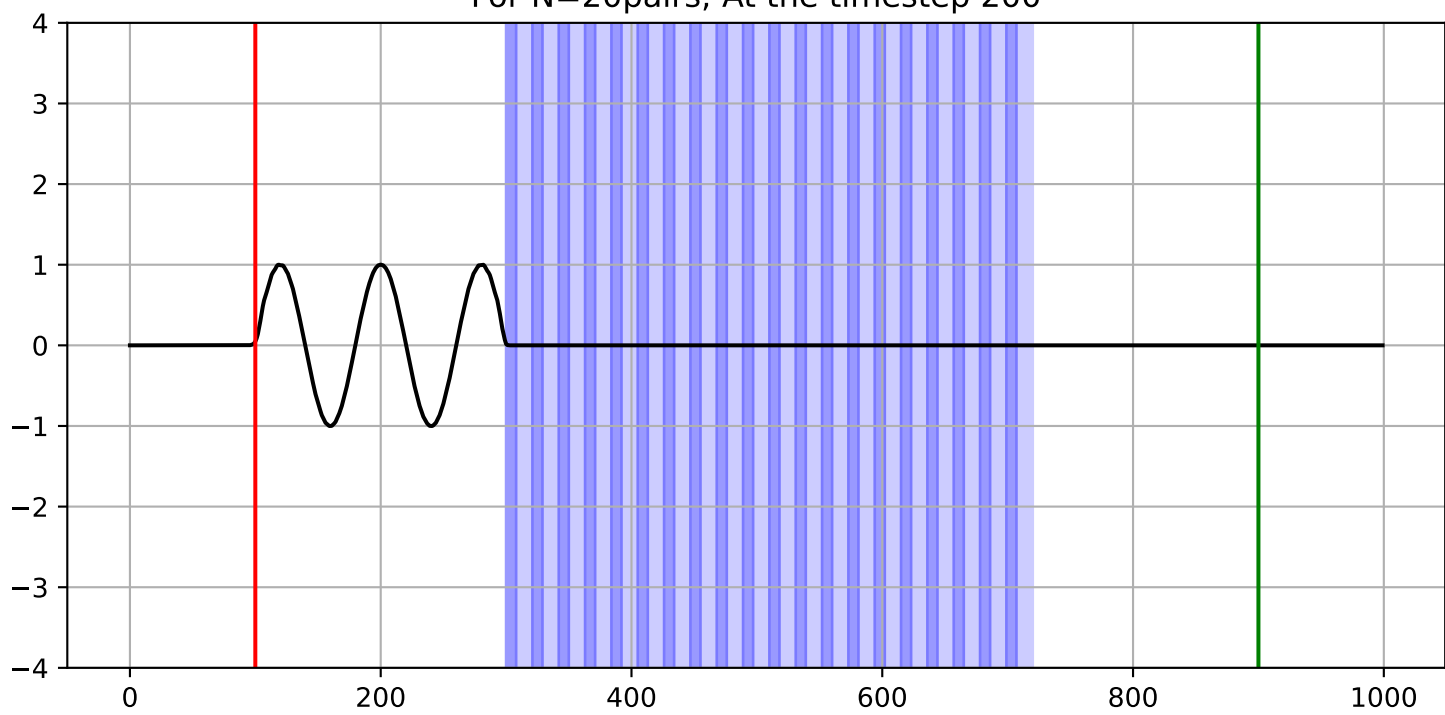
E[100]; At timestep 150



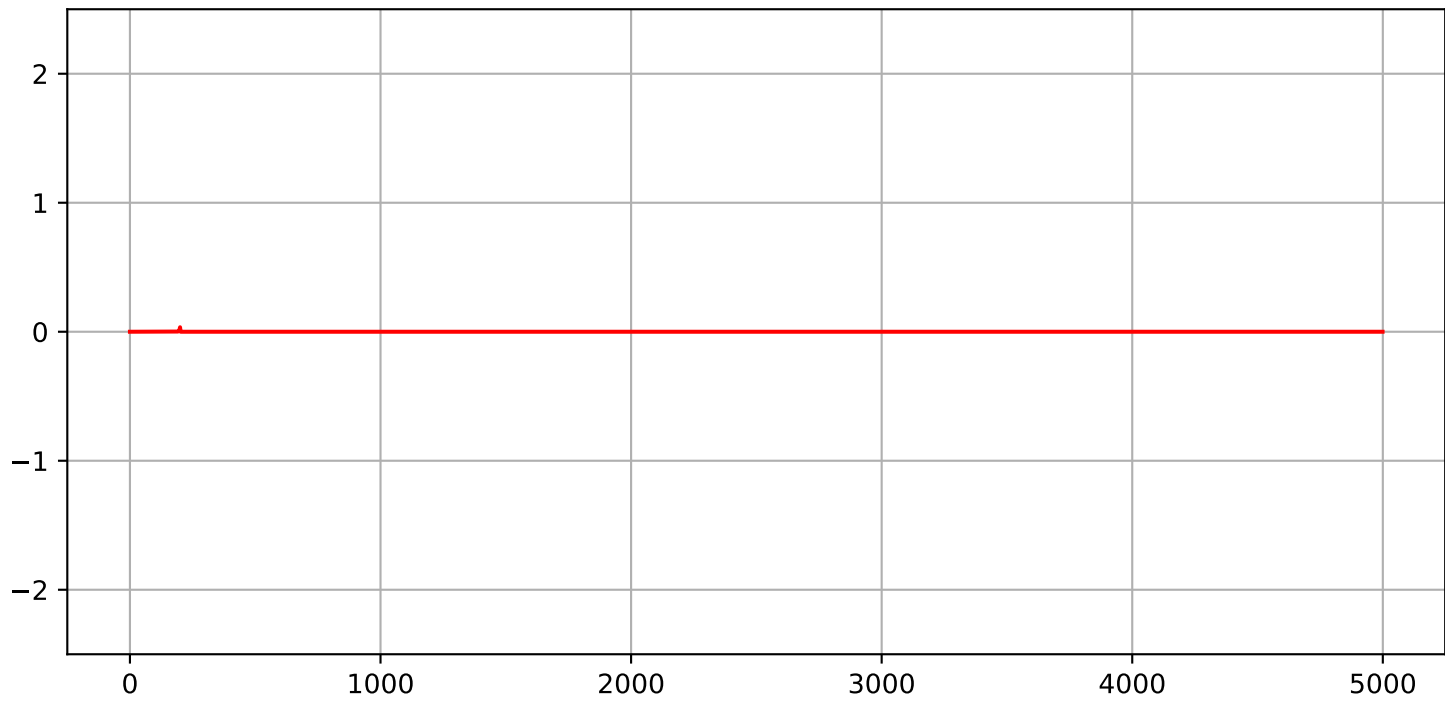
E[trans_probe]; At timestep 150



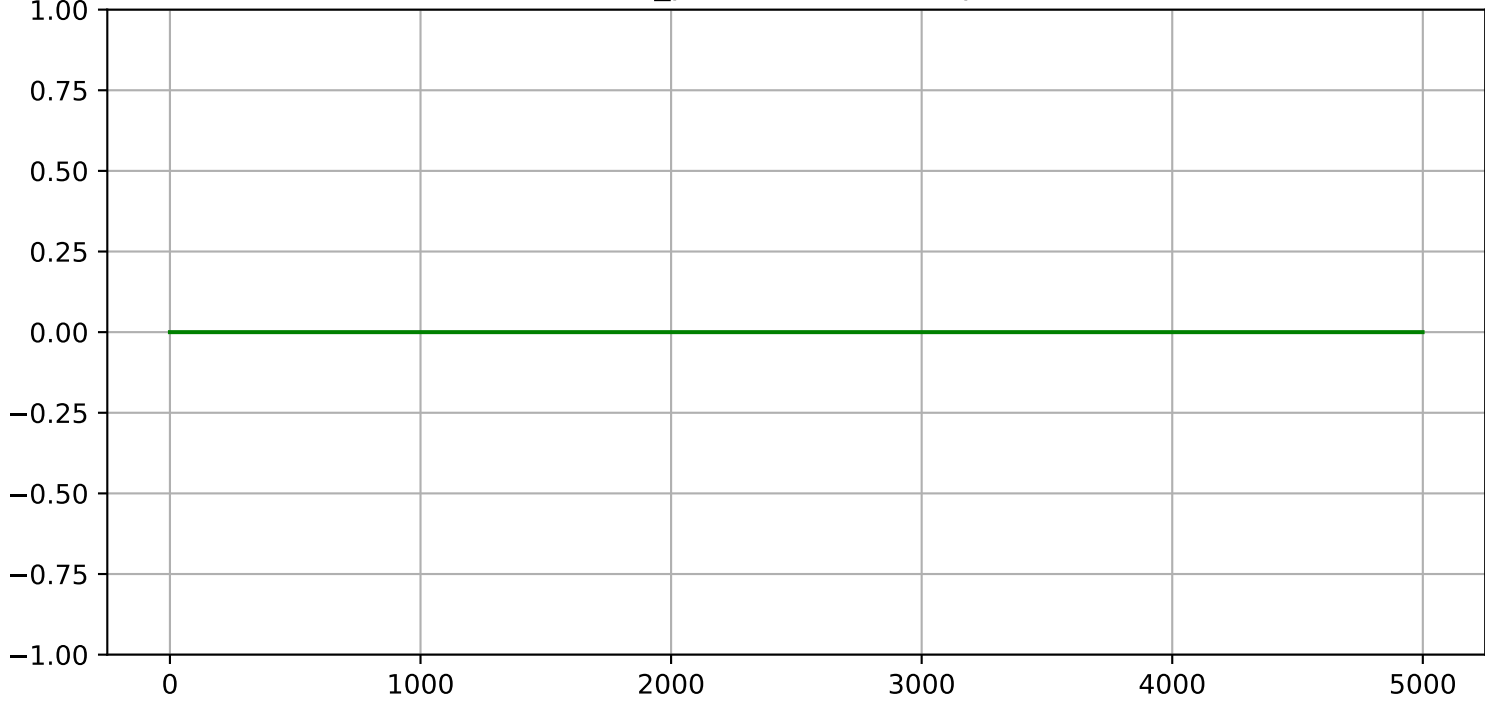
For N=20pairs; At the timestep 200



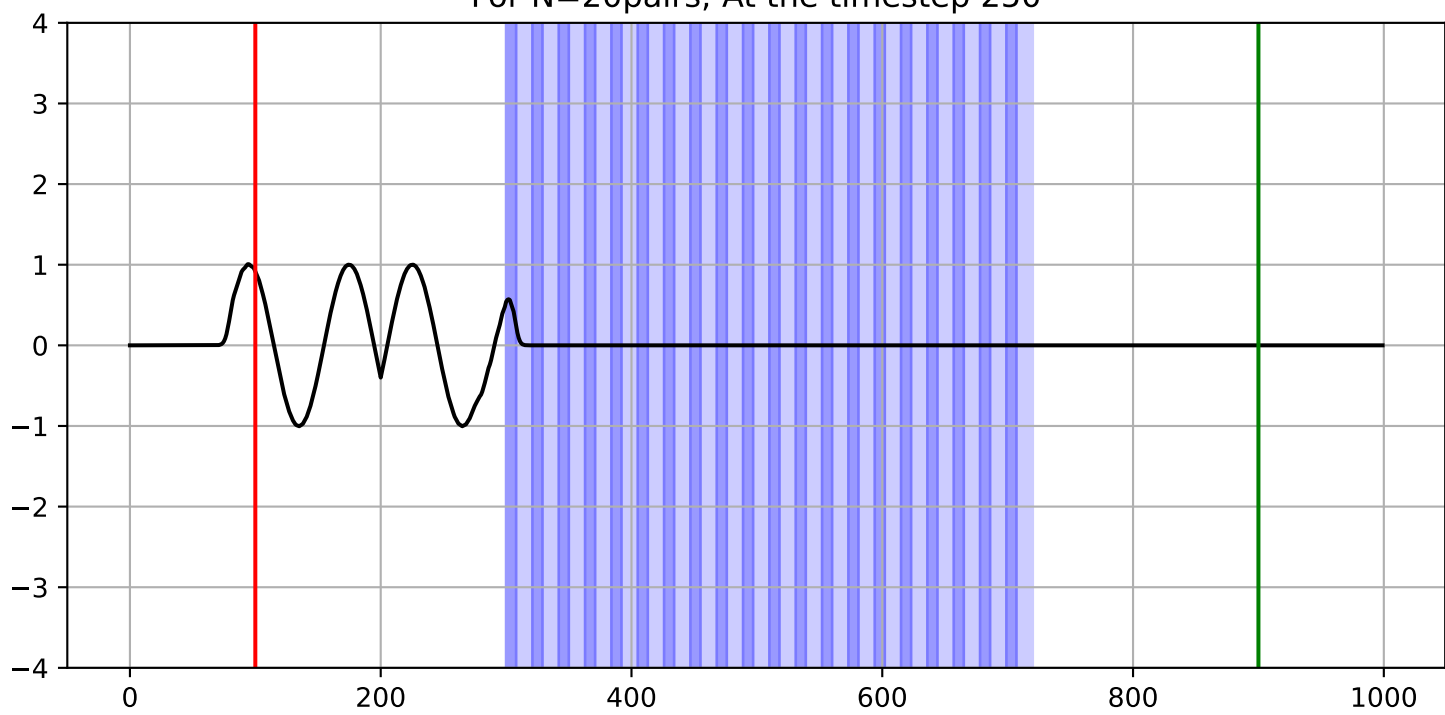
E[100]; At timestep 200



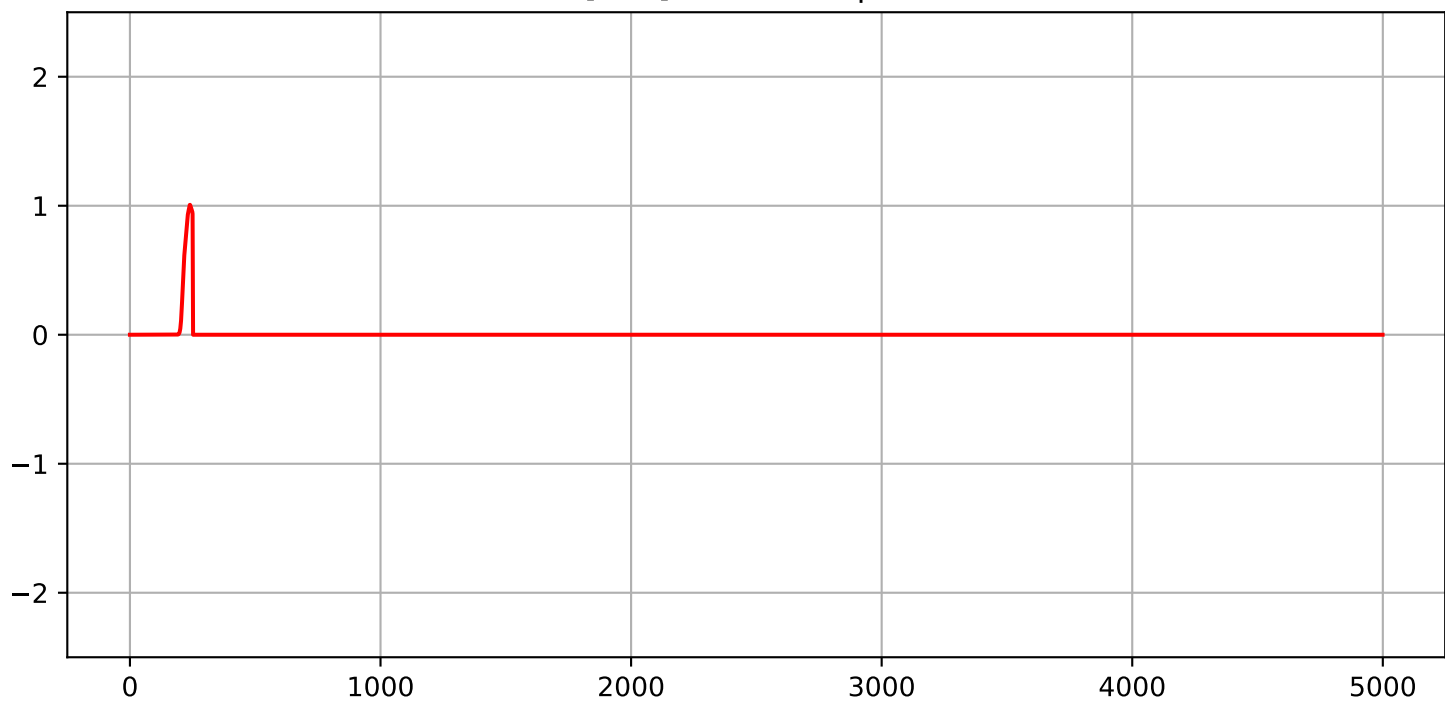
E[trans_probe]; At timestep 200



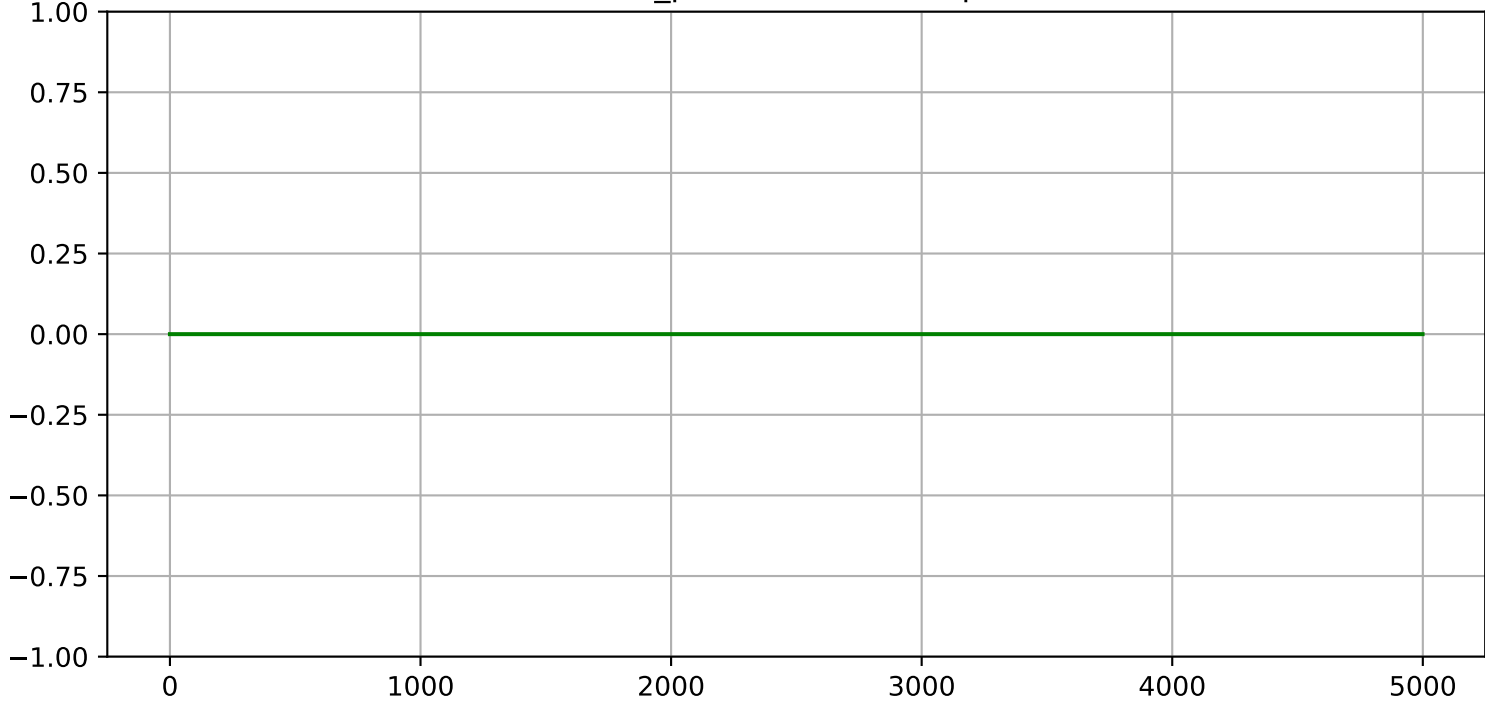
For N=20pairs; At the timestep 250



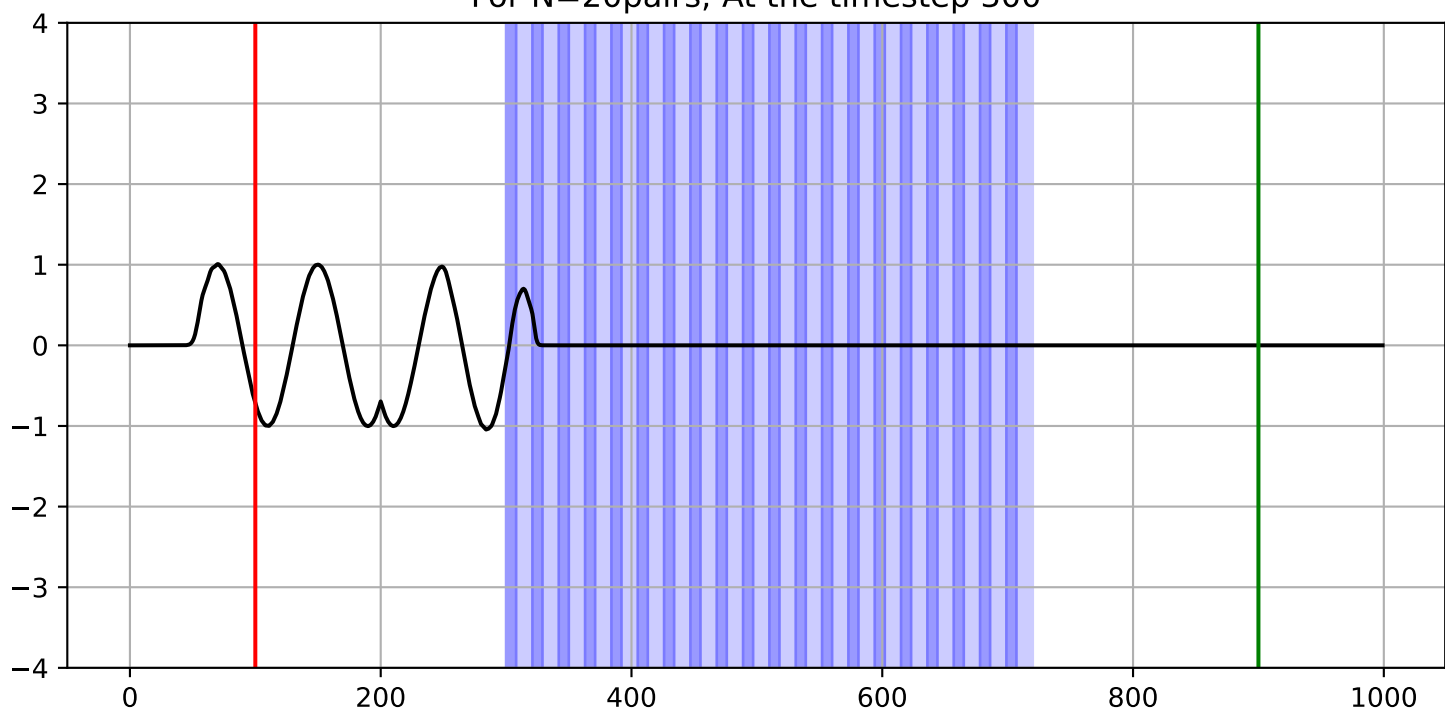
E[100]; At timestep 250



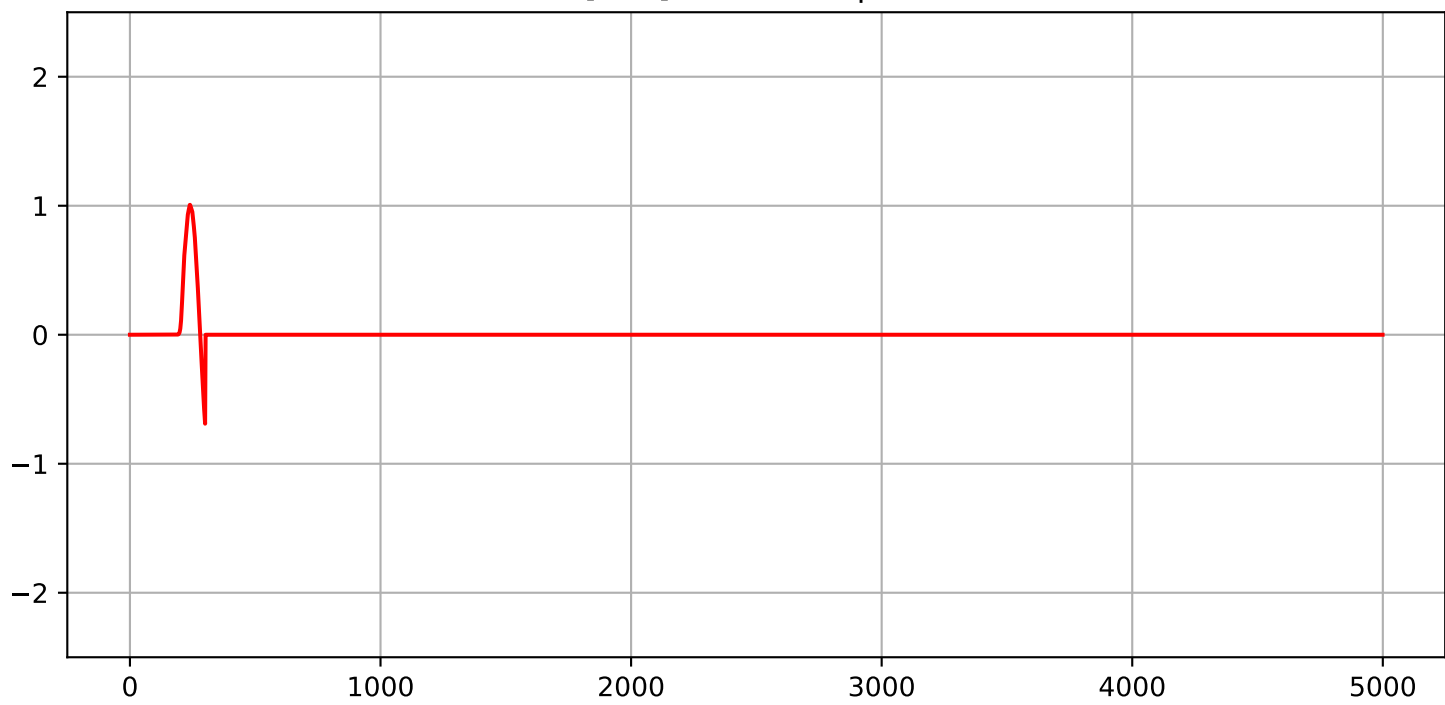
E[trans_probe]; At timestep 250



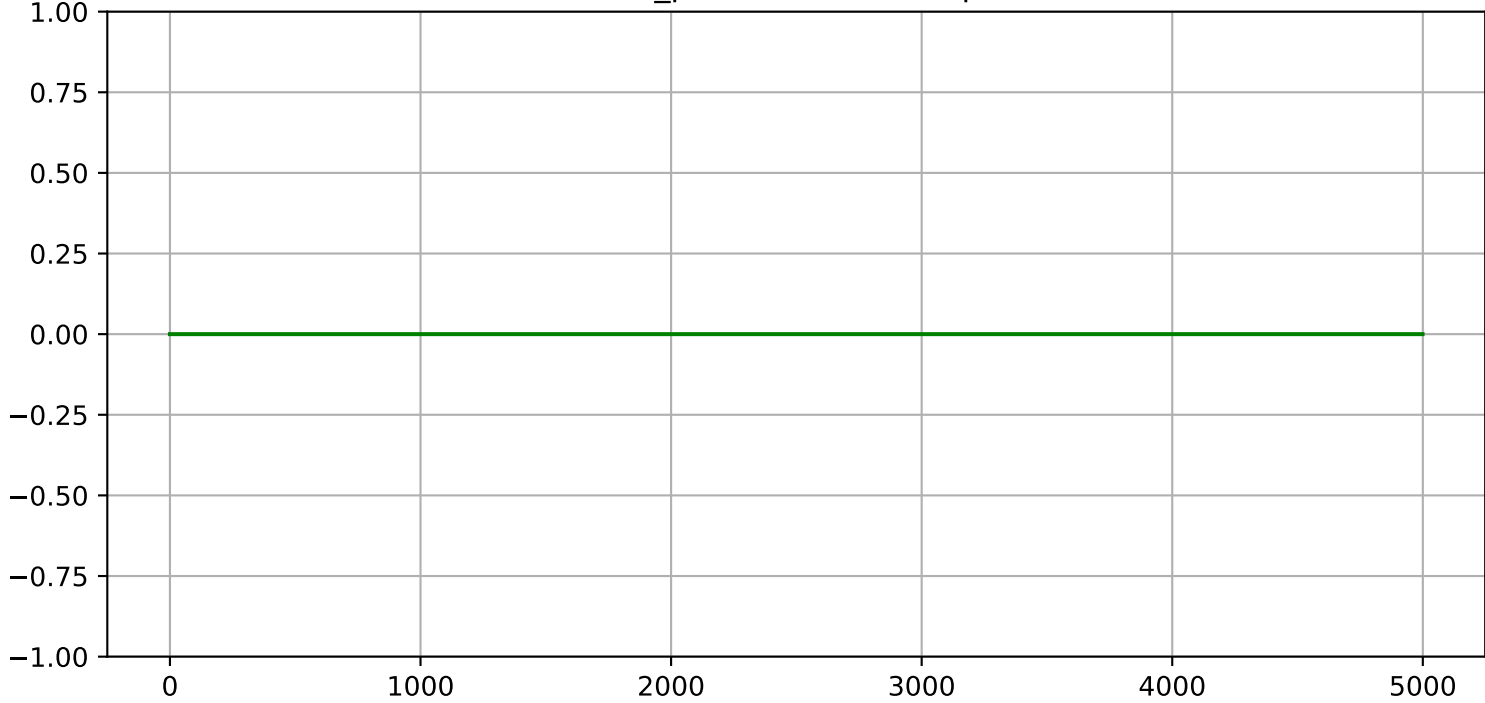
For N=20pairs; At the timestep 300



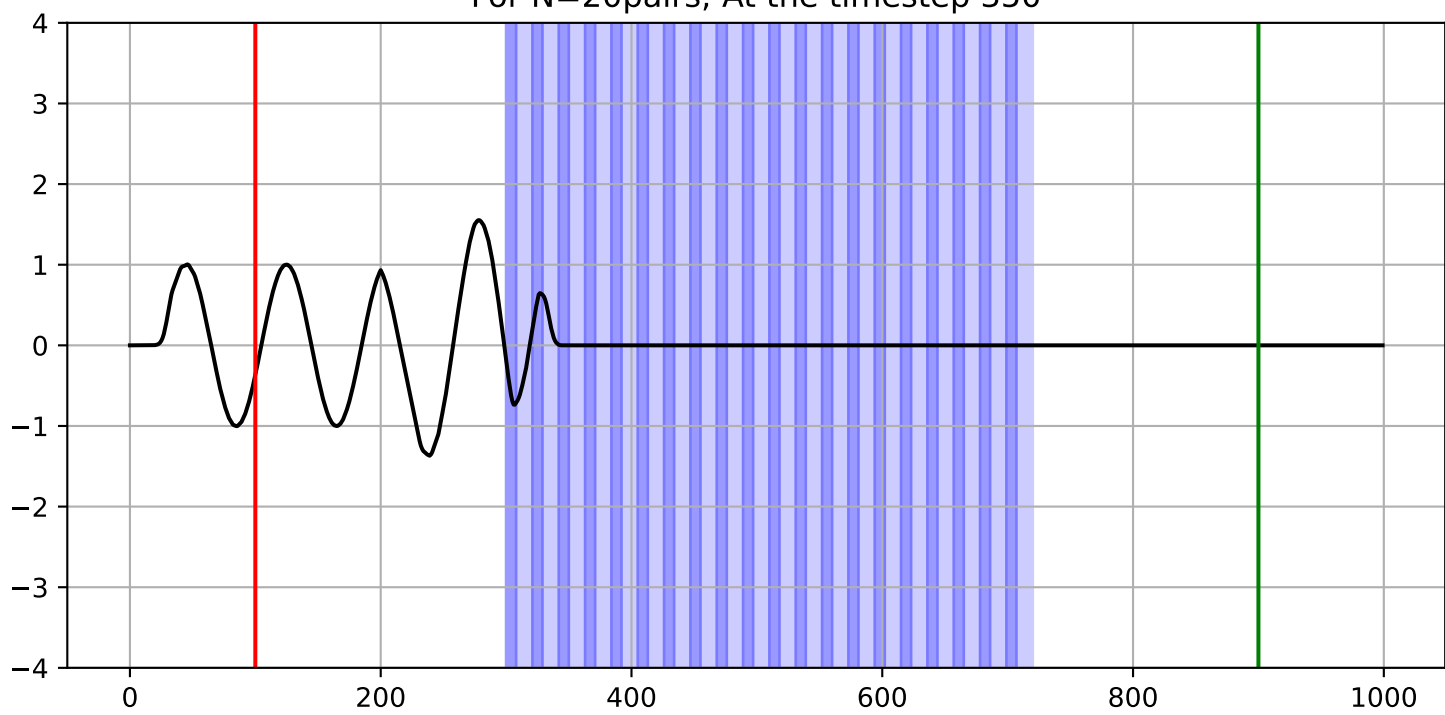
E[100]; At timestep 300



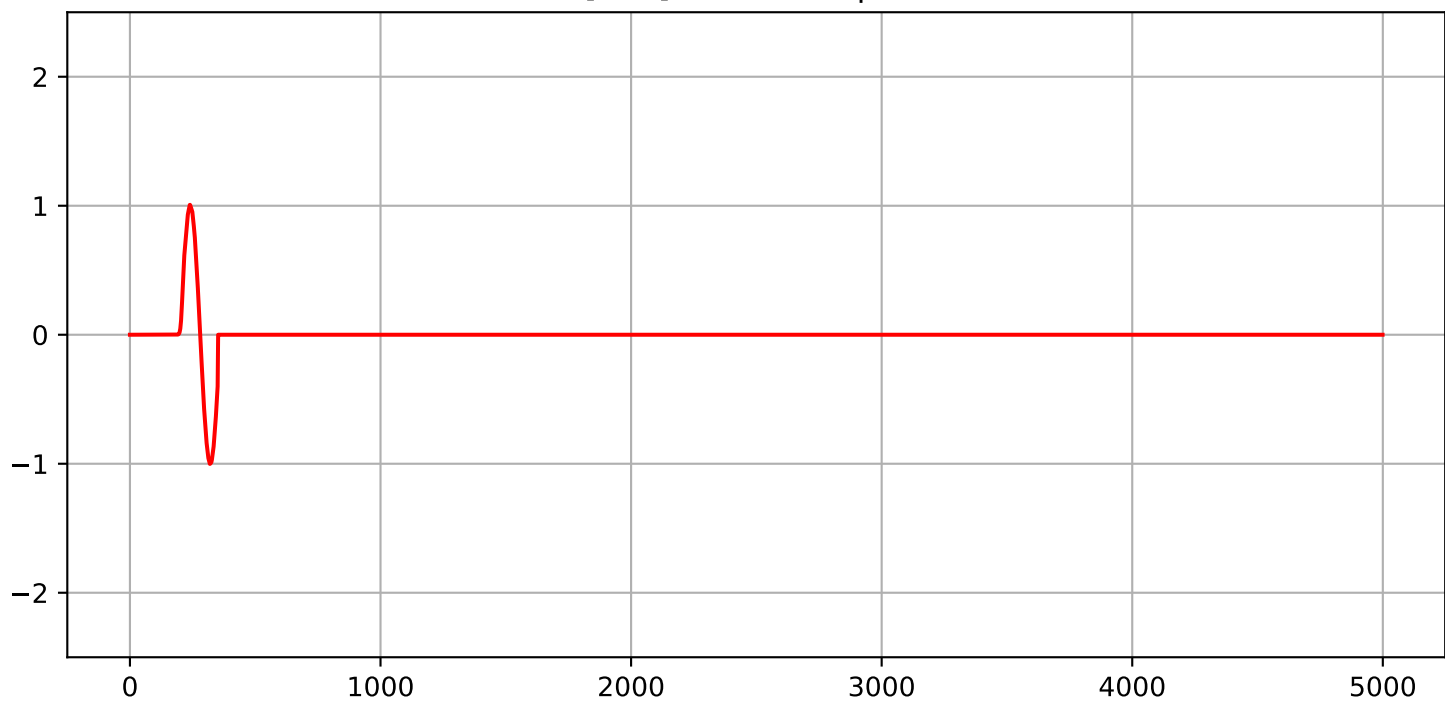
E[trans_probe]; At timestep 300



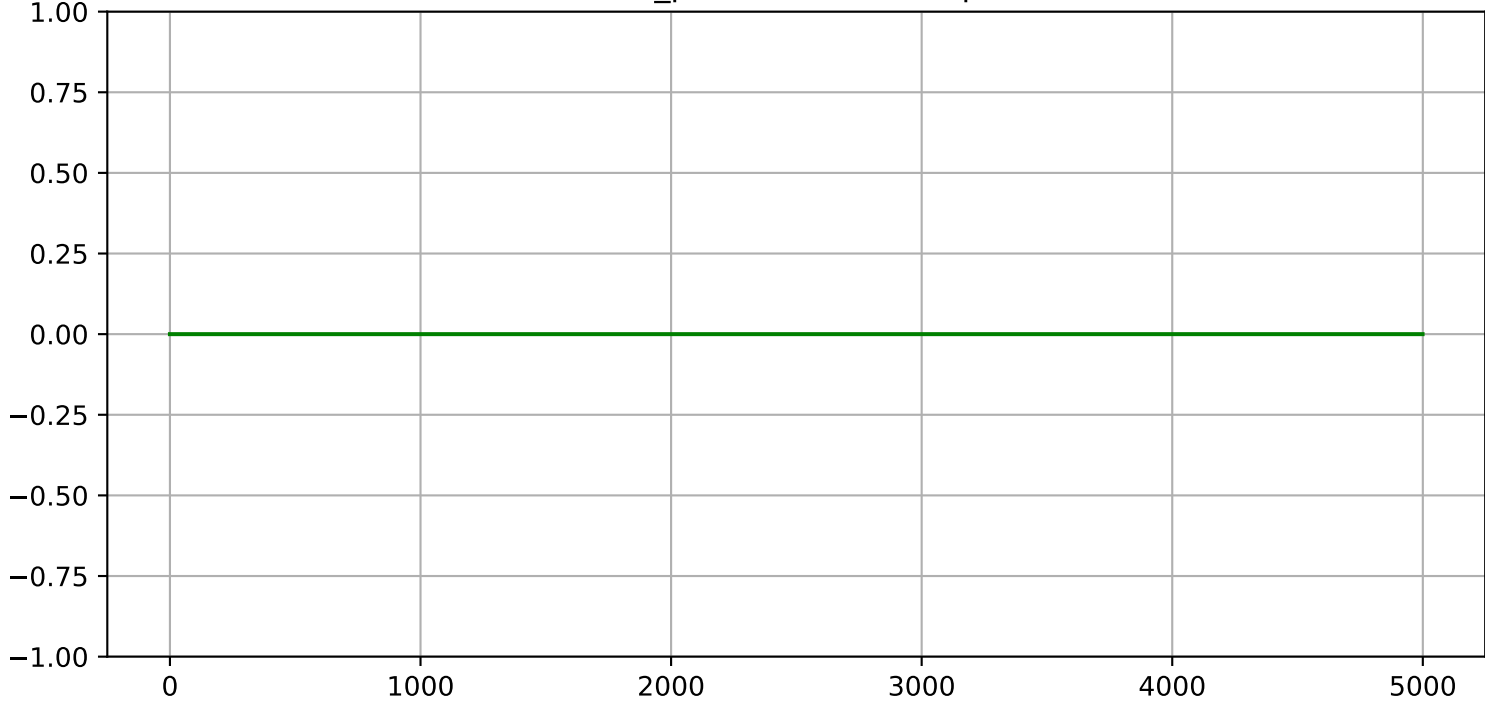
For N=20pairs; At the timestep 350



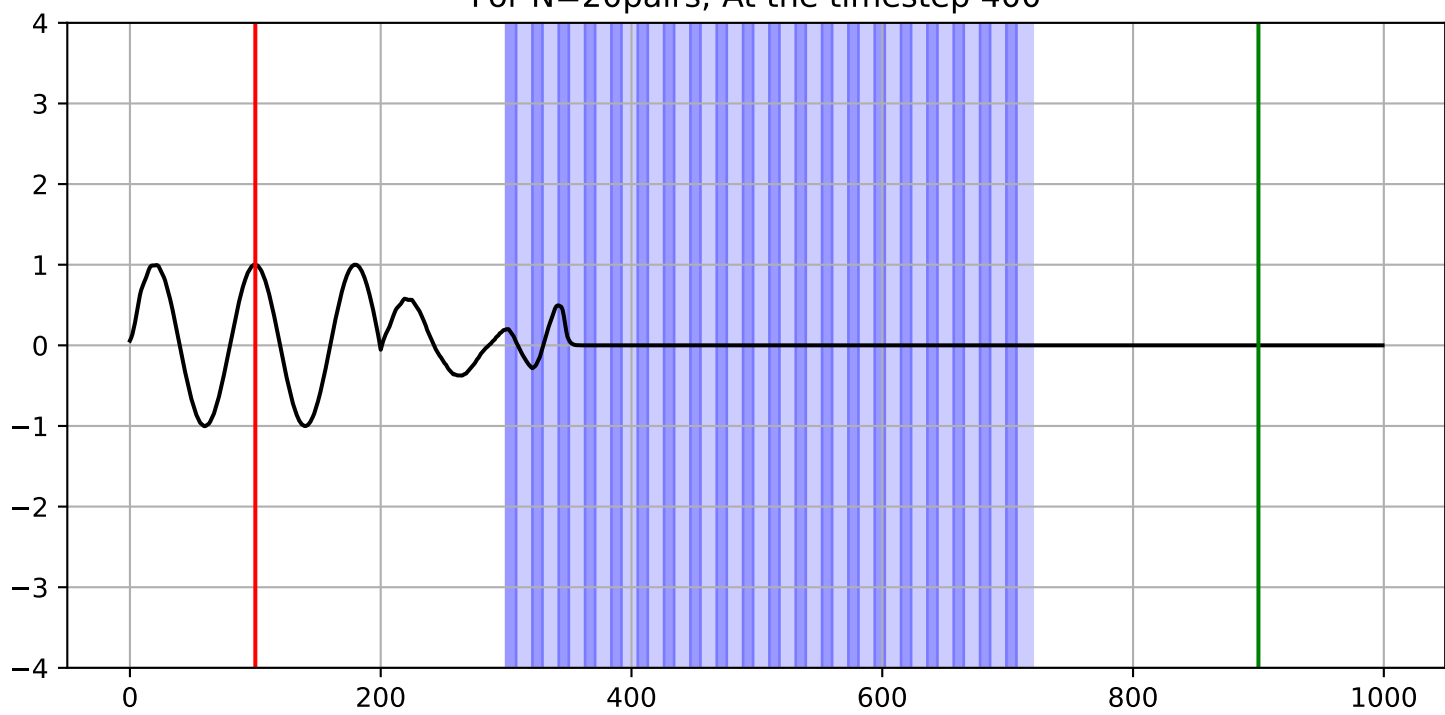
E[100]; At timestep 350



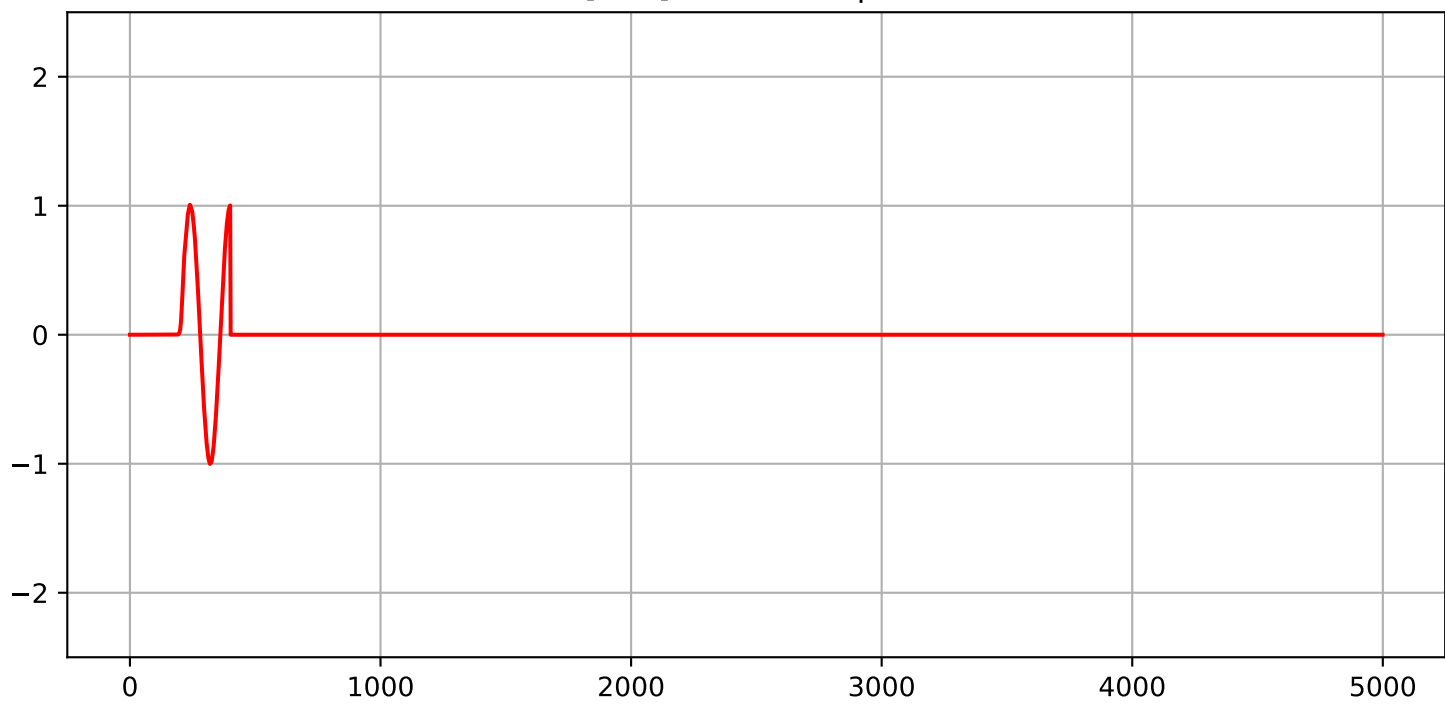
E[trans_probe]; At timestep 350



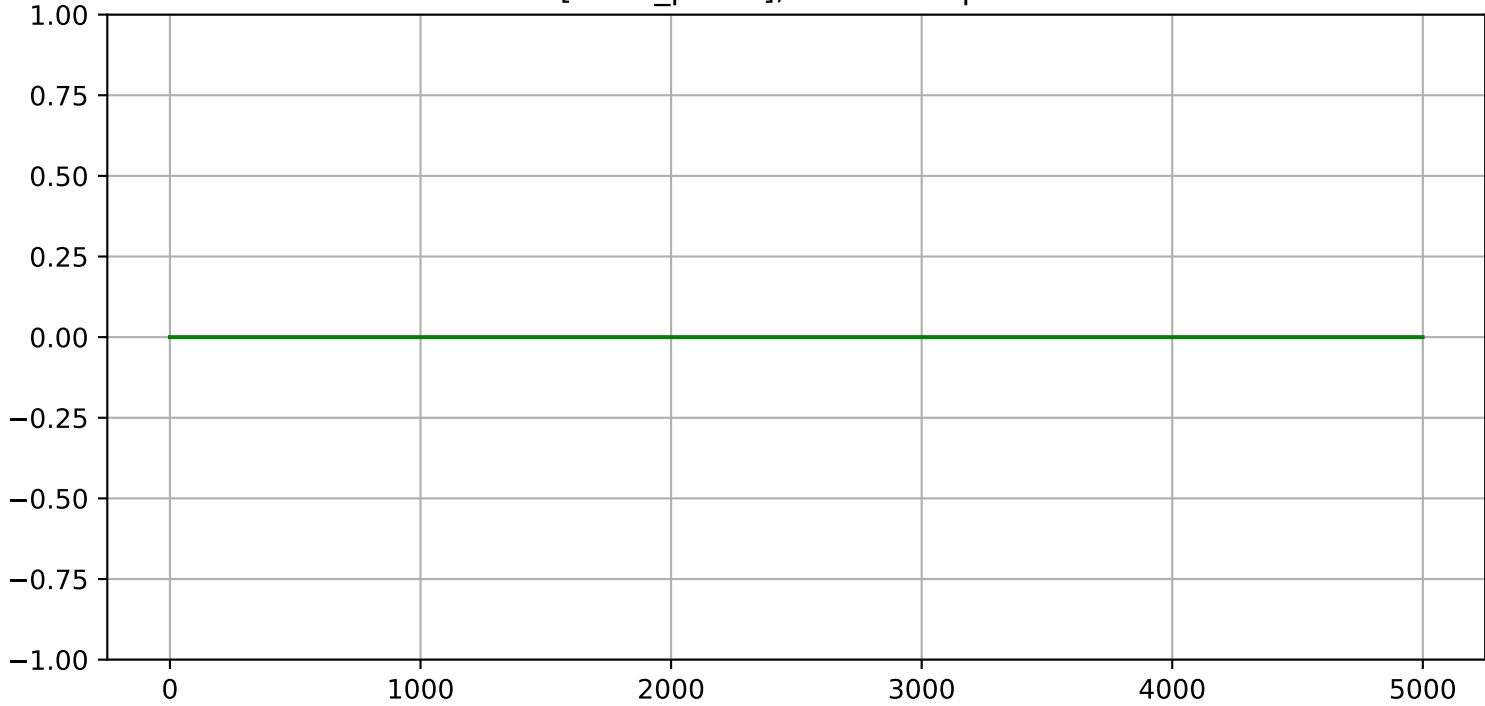
For N=20pairs; At the timestep 400



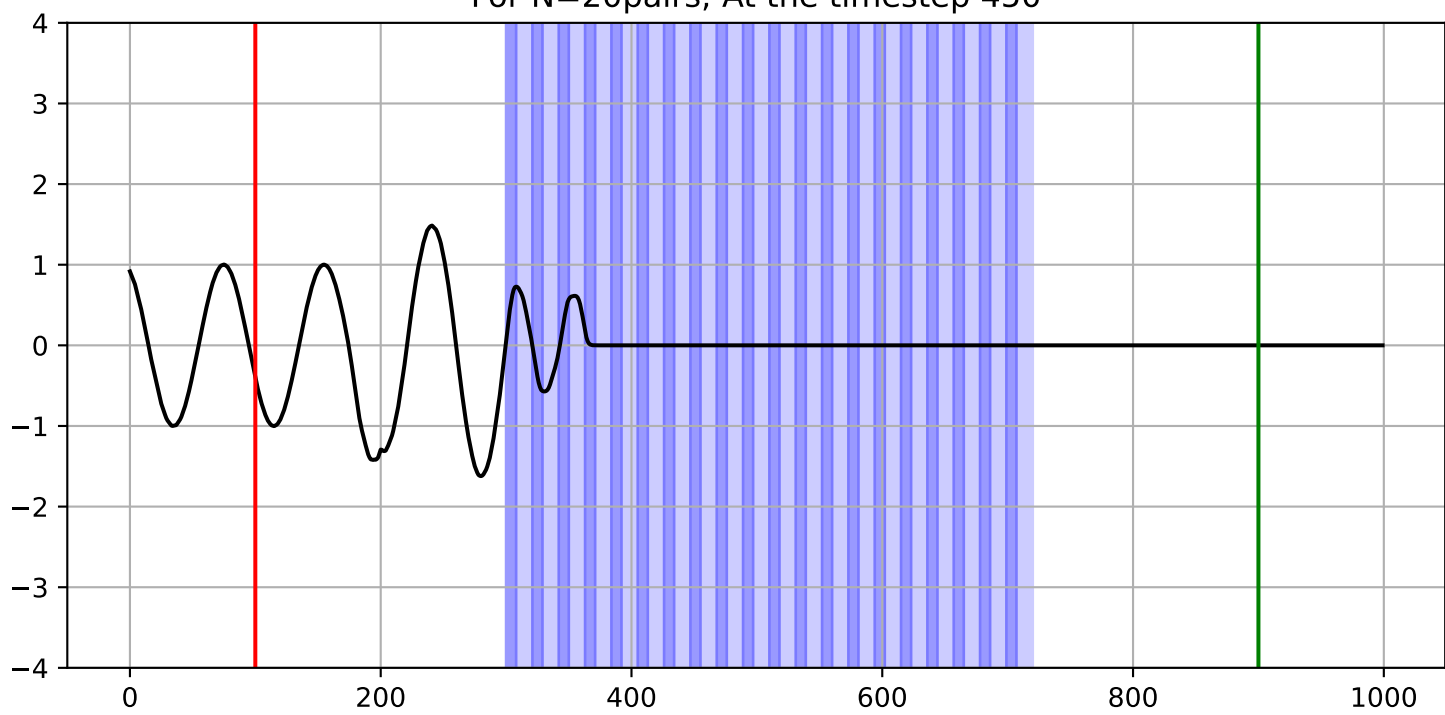
E[100]; At timestep 400



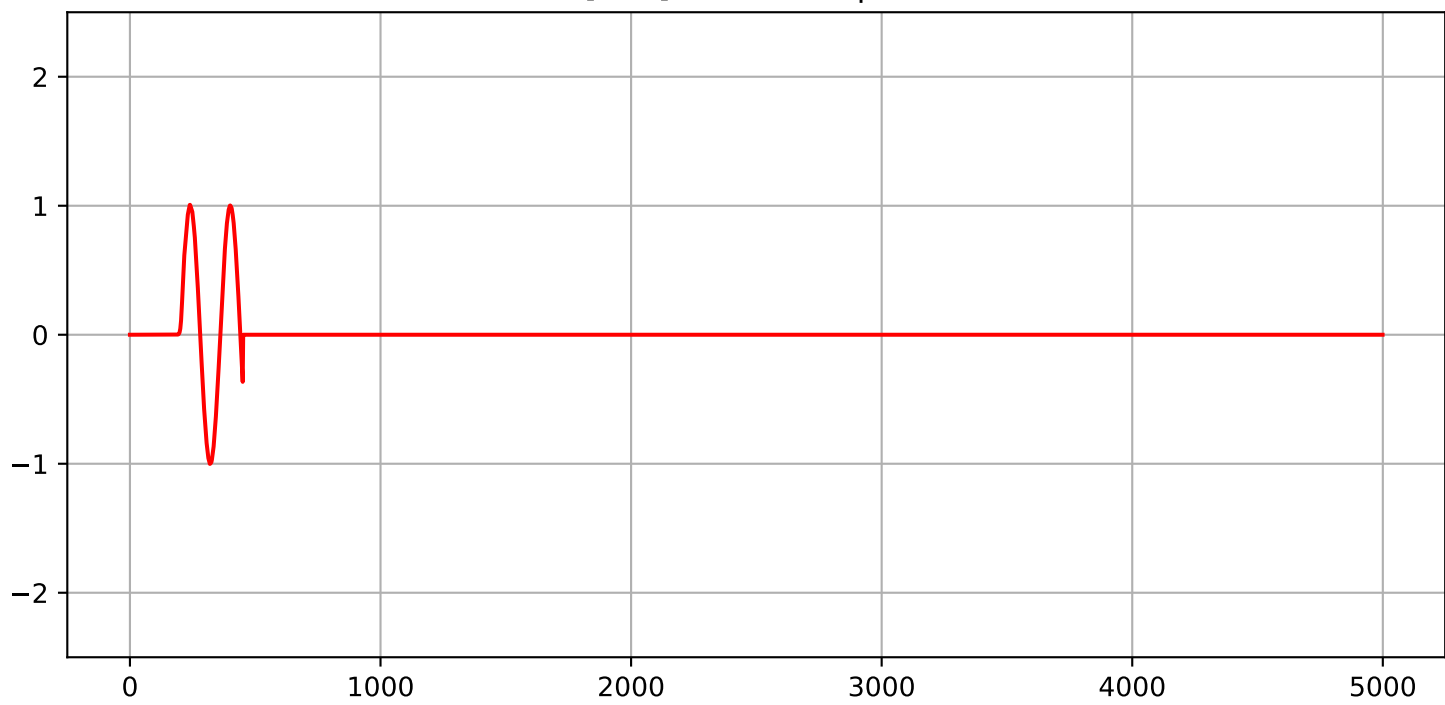
E[trans_probe]; At timestep 400



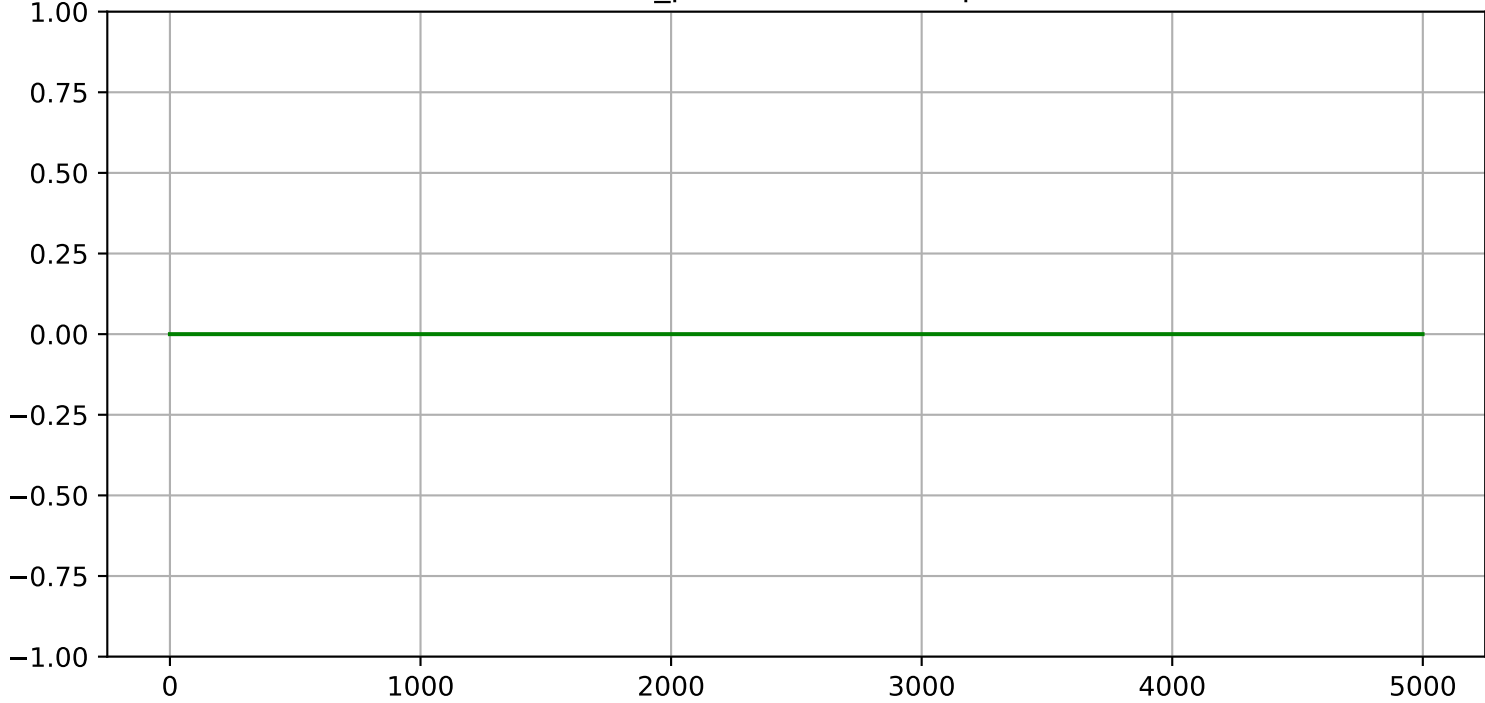
For N=20pairs; At the timestep 450



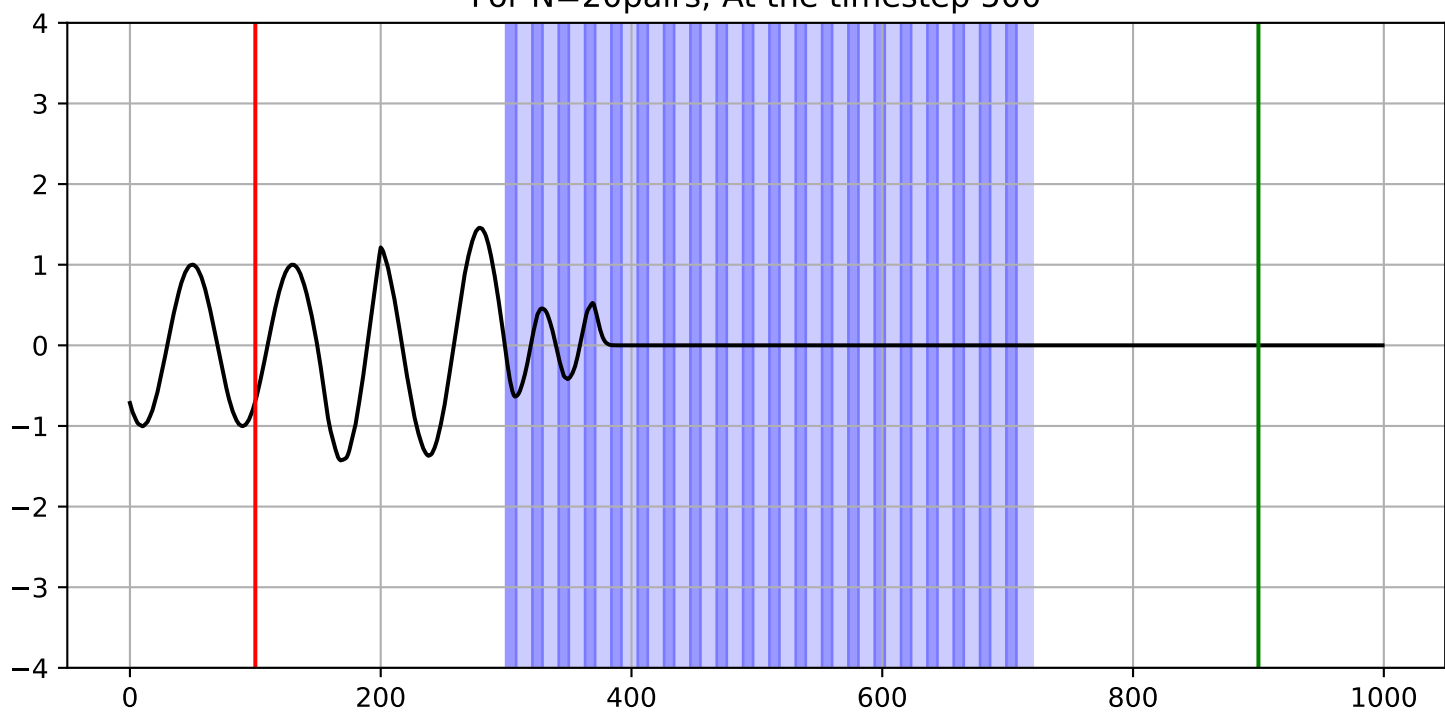
E[100]; At timestep 450



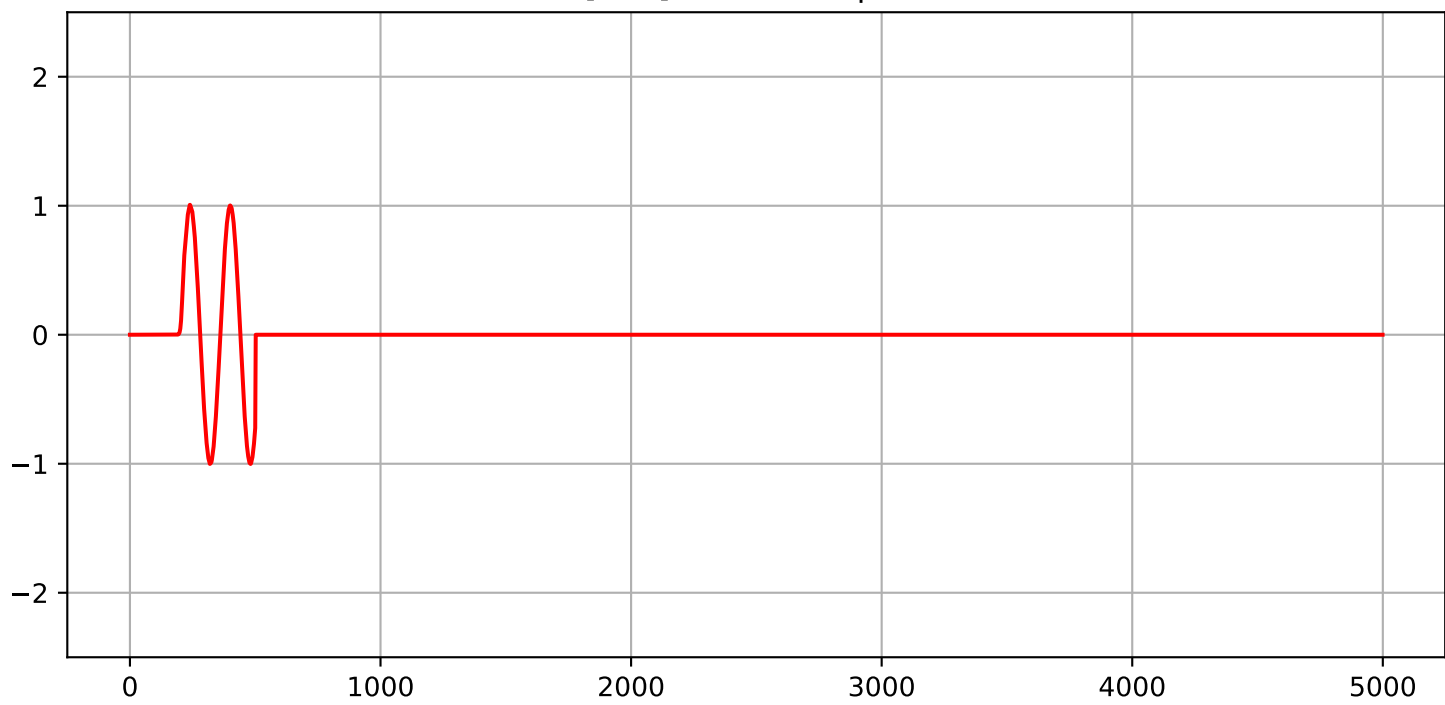
E[trans_probe]; At timestep 450



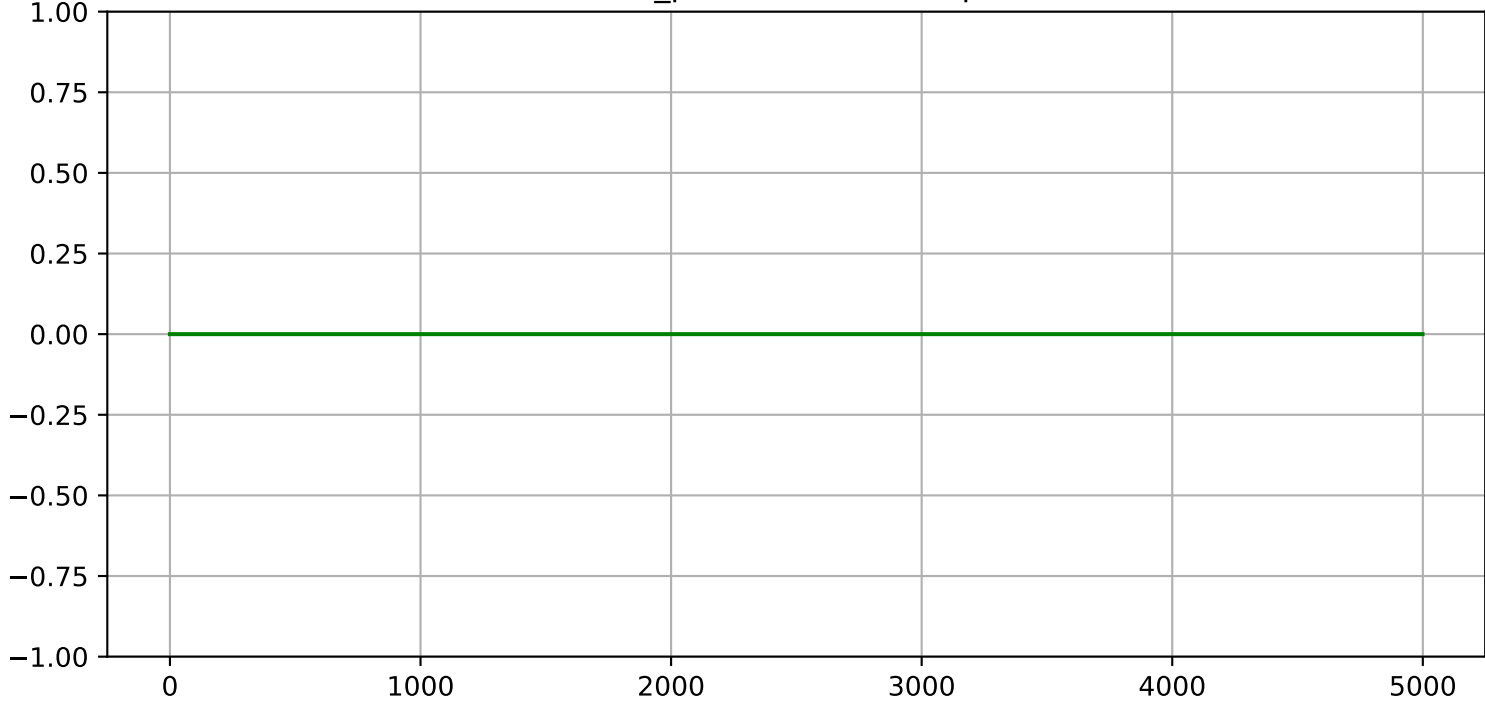
For N=20pairs; At the timestep 500



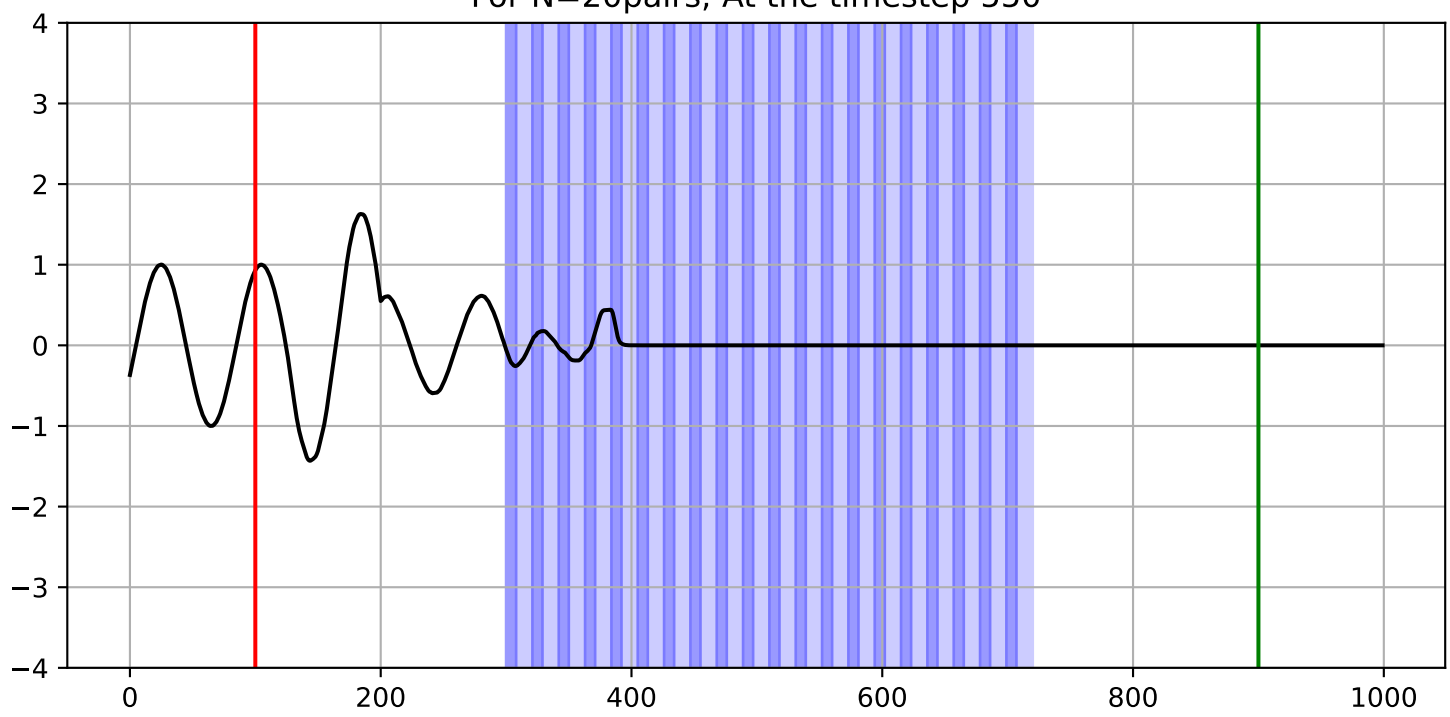
E[100]; At timestep 500



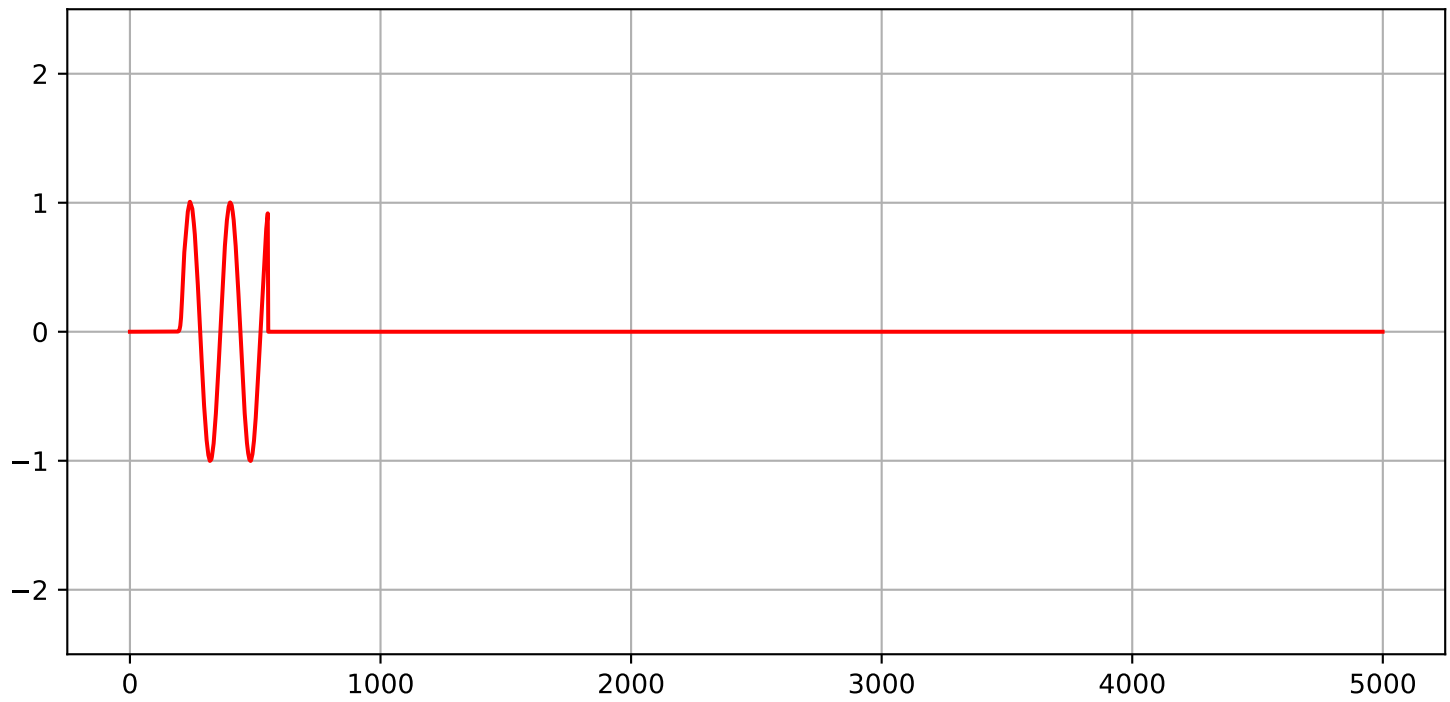
E[trans_probe]; At timestep 500



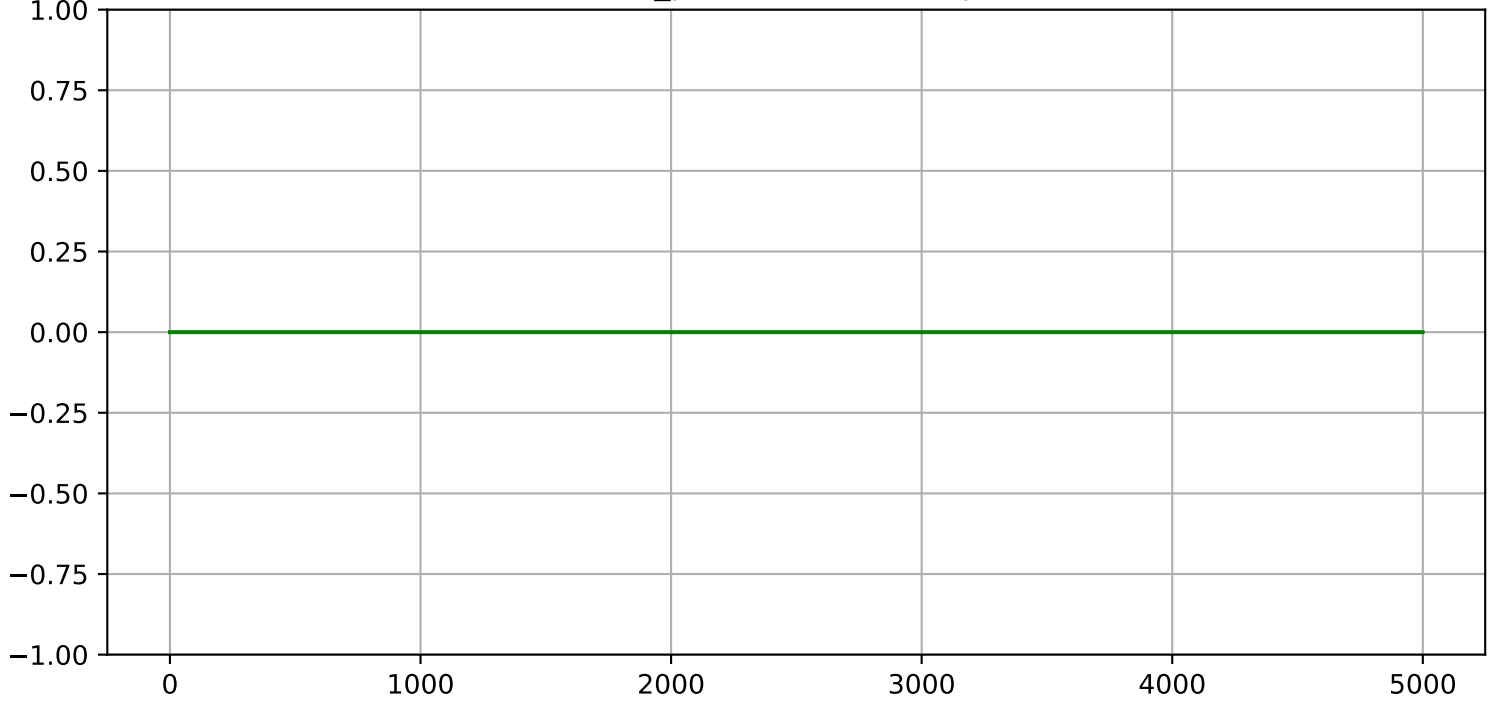
For N=20pairs; At the timestep 550



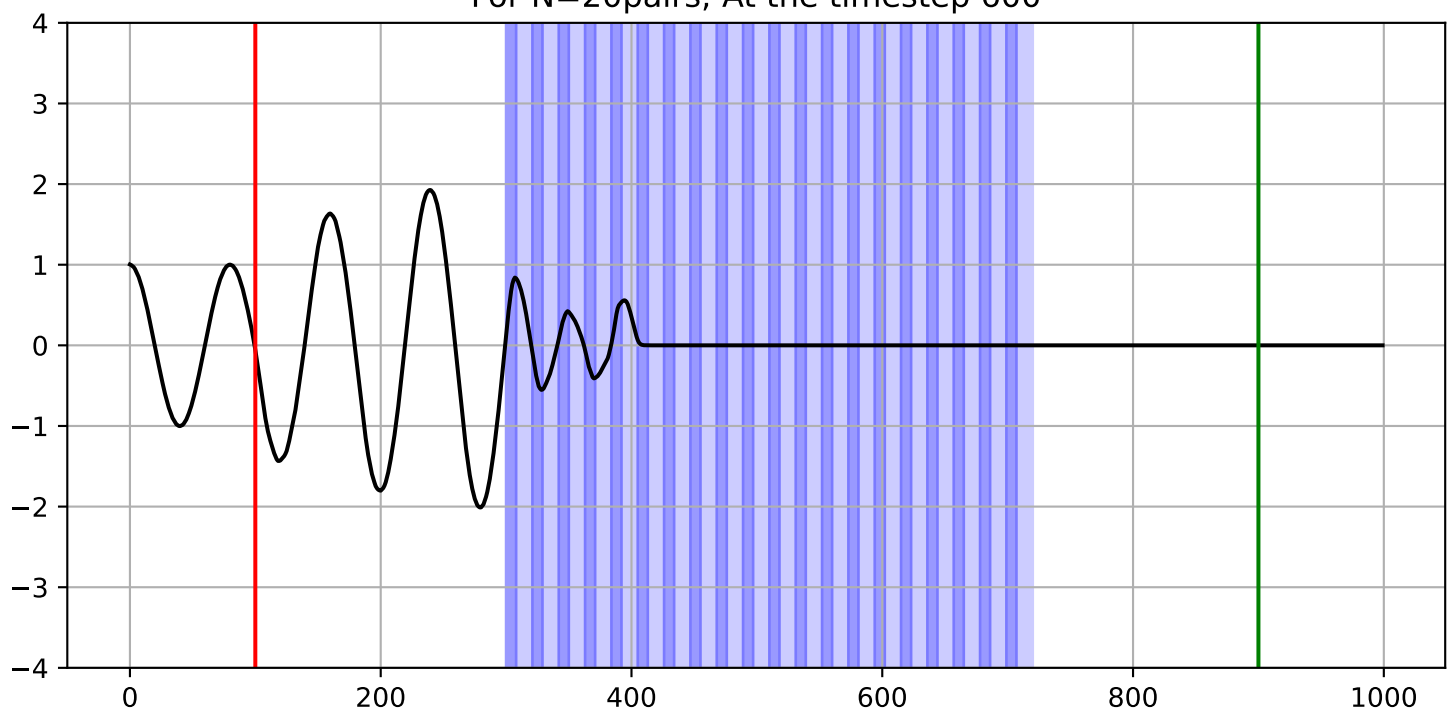
E[100]; At timestep 550



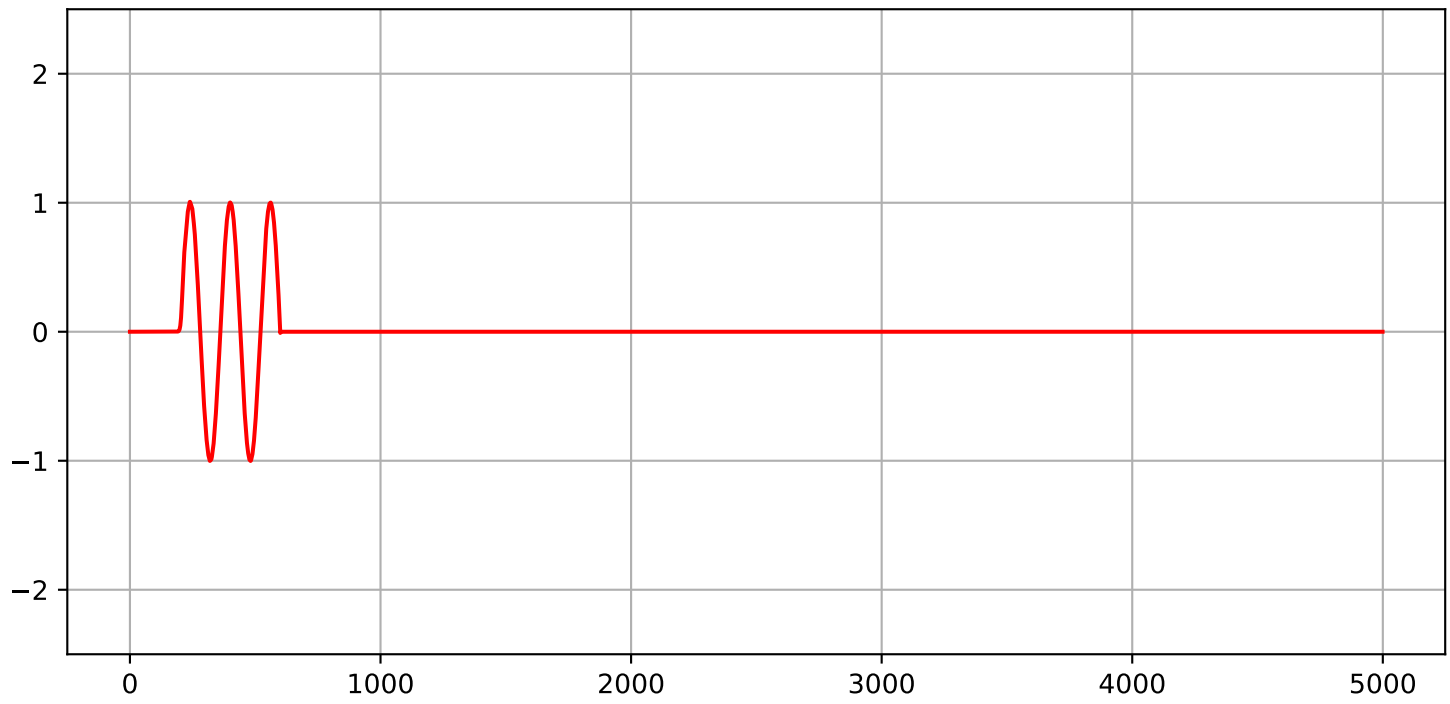
E[trans_probe]; At timestep 550



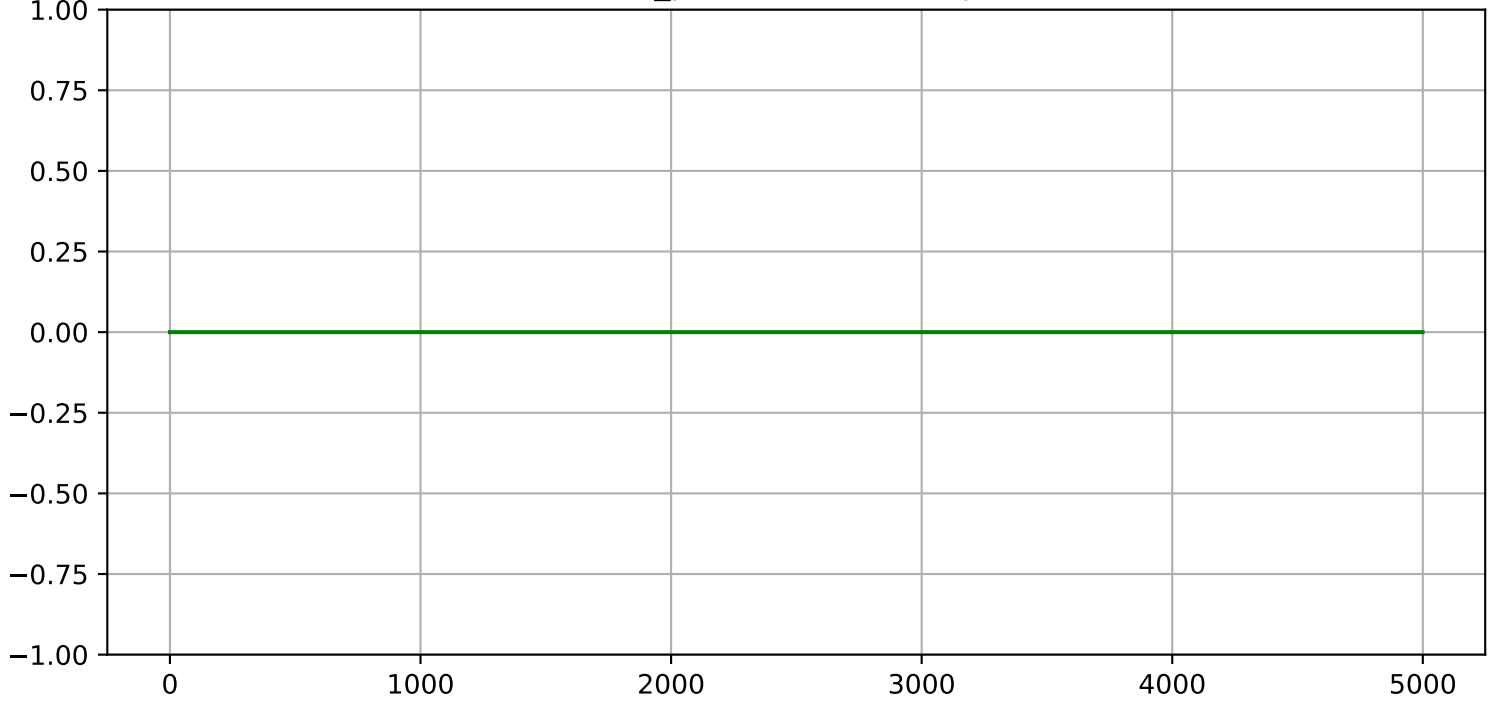
For N=20pairs; At the timestep 600



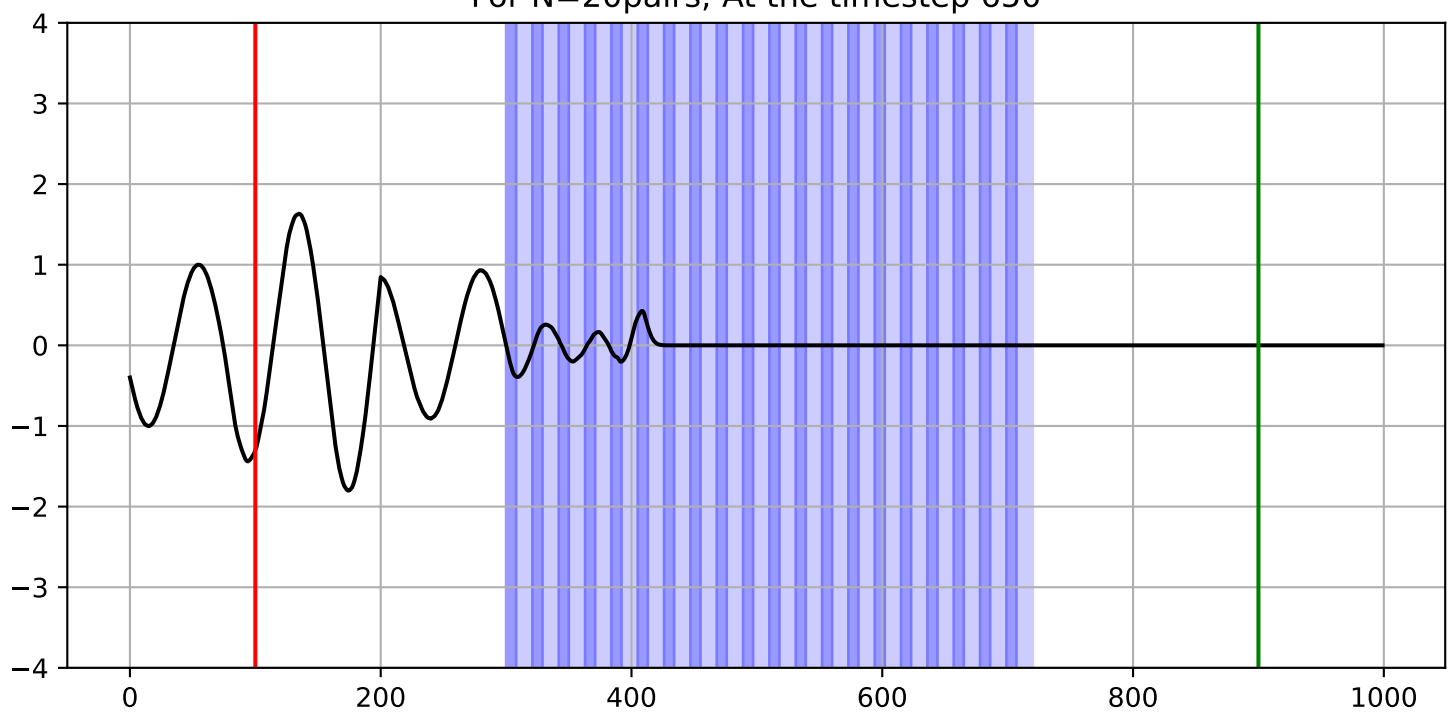
E[100]; At timestep 600



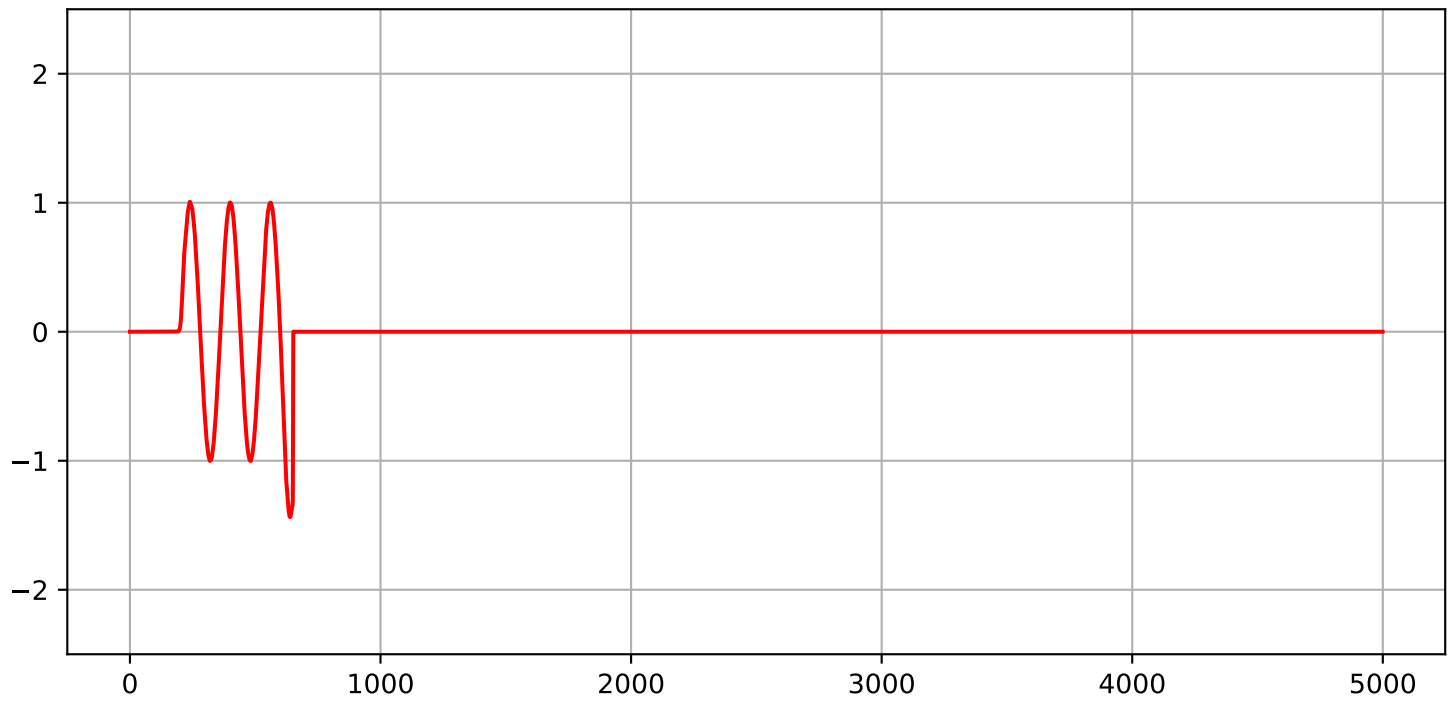
E[trans_probe]; At timestep 600



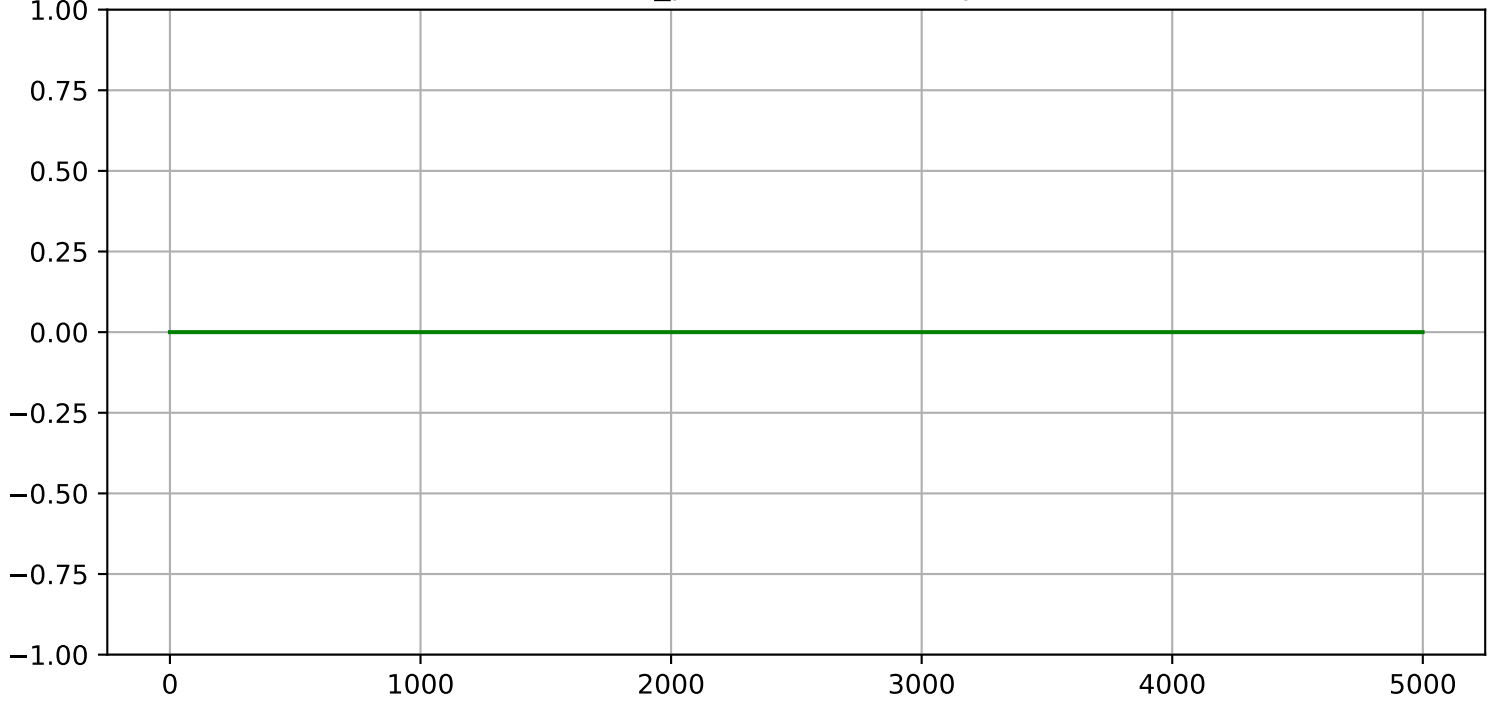
For N=20pairs; At the timestep 650



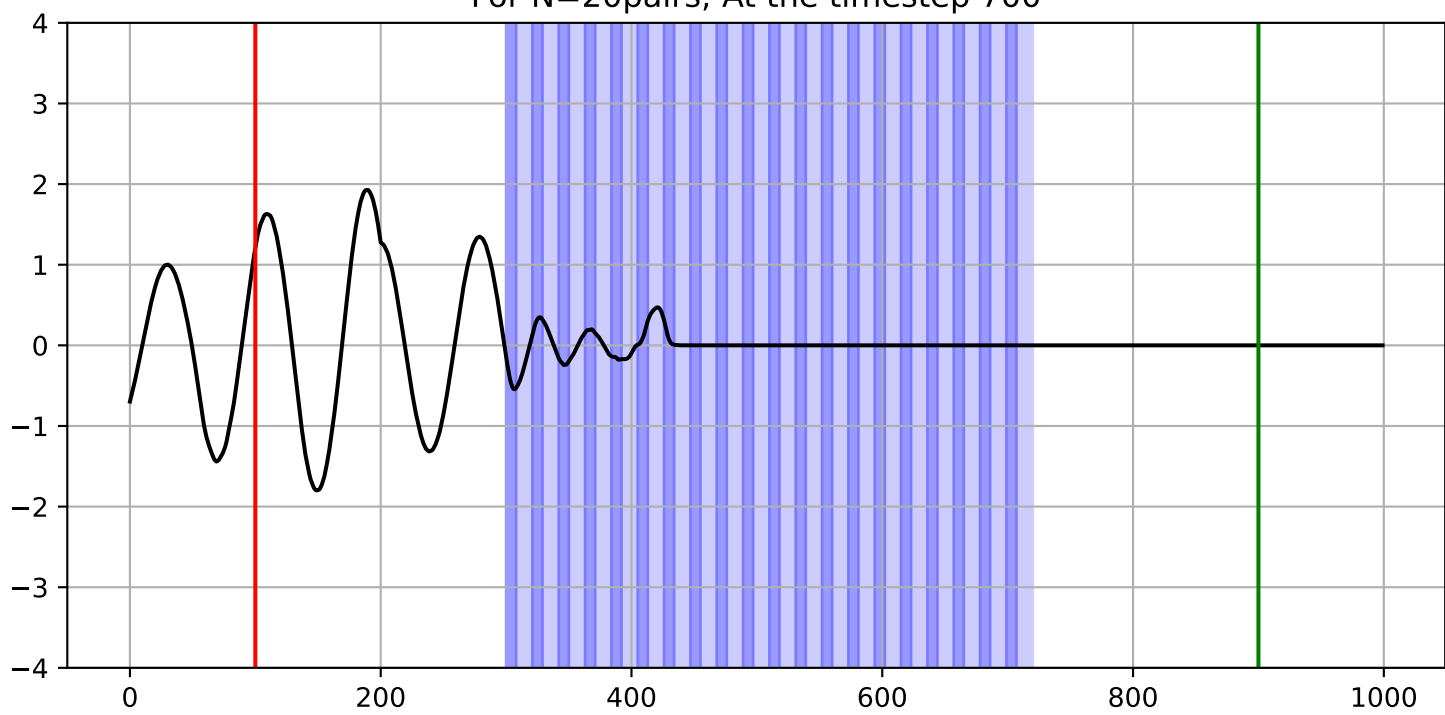
E[100]; At timestep 650



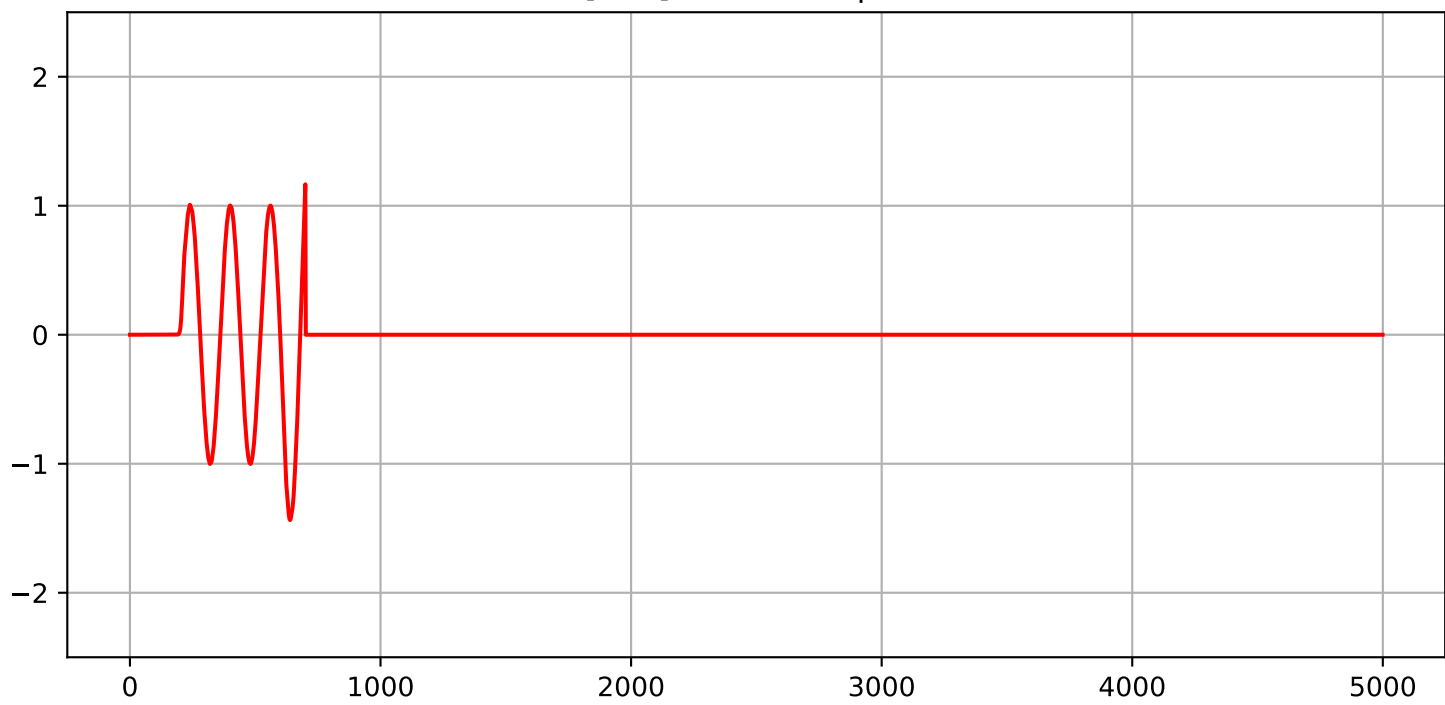
E[trans_probe]; At timestep 650



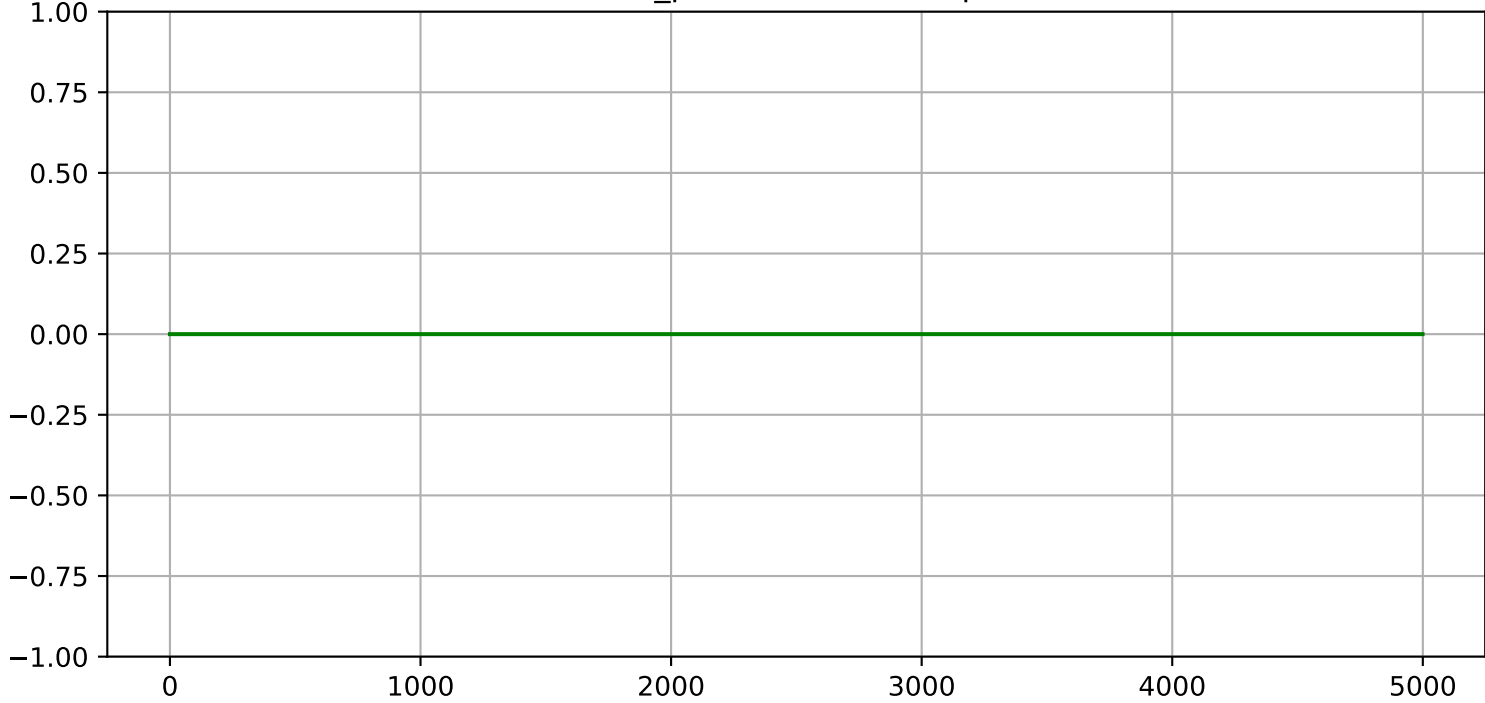
For N=20pairs; At the timestep 700



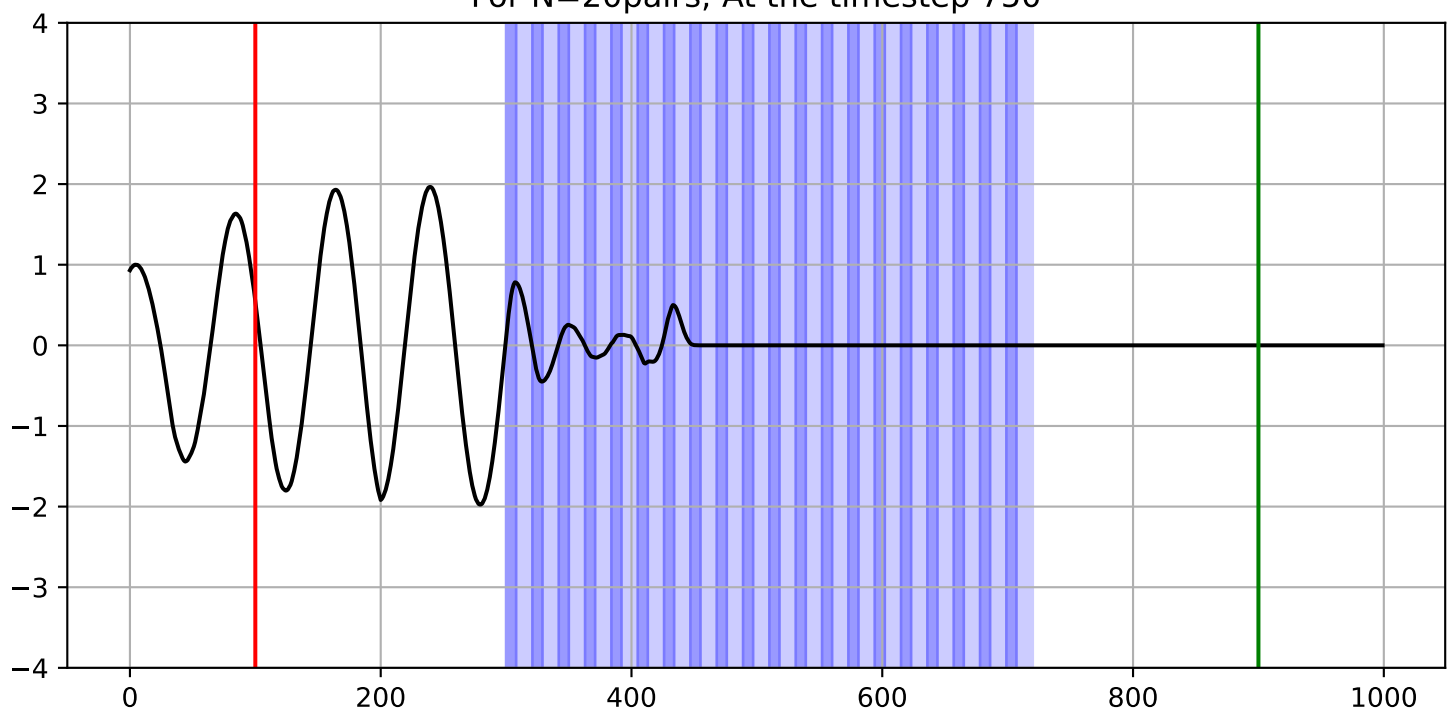
E[100]; At timestep 700



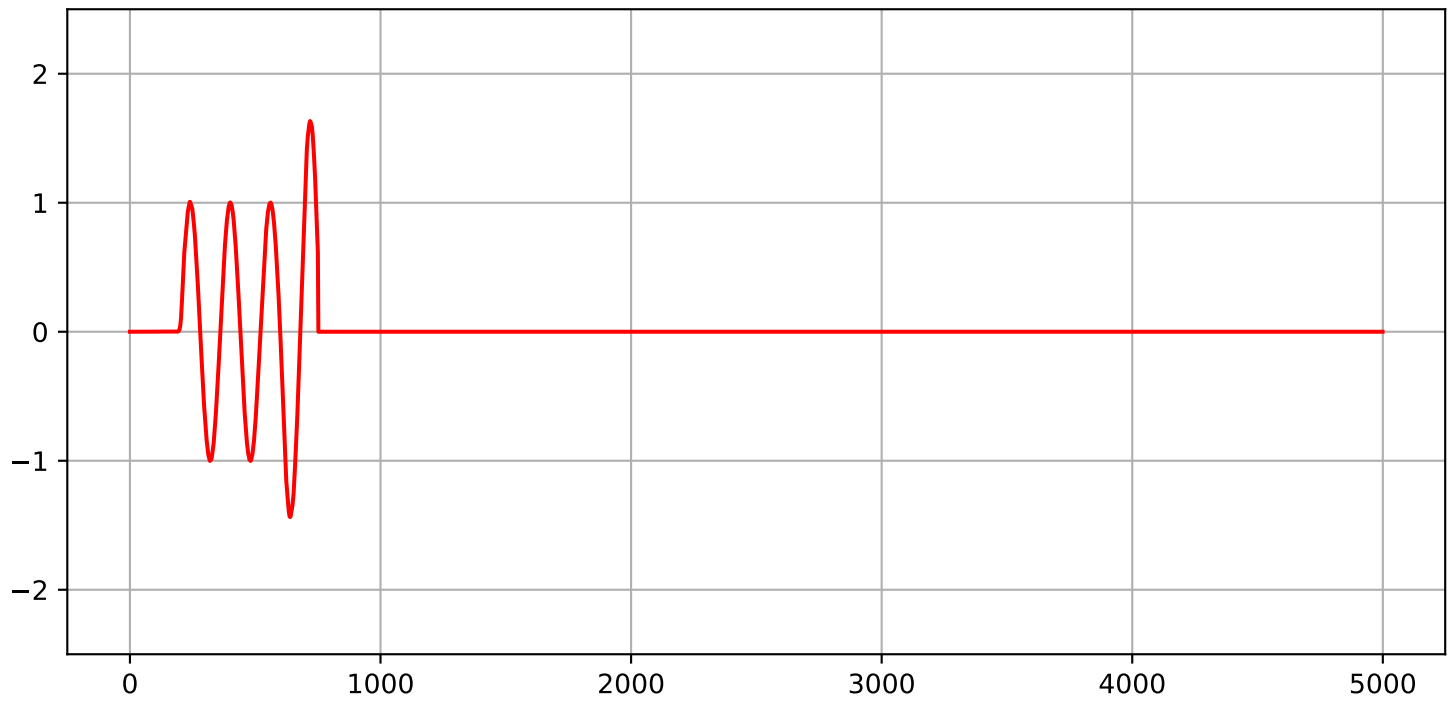
E[trans_probe]; At timestep 700



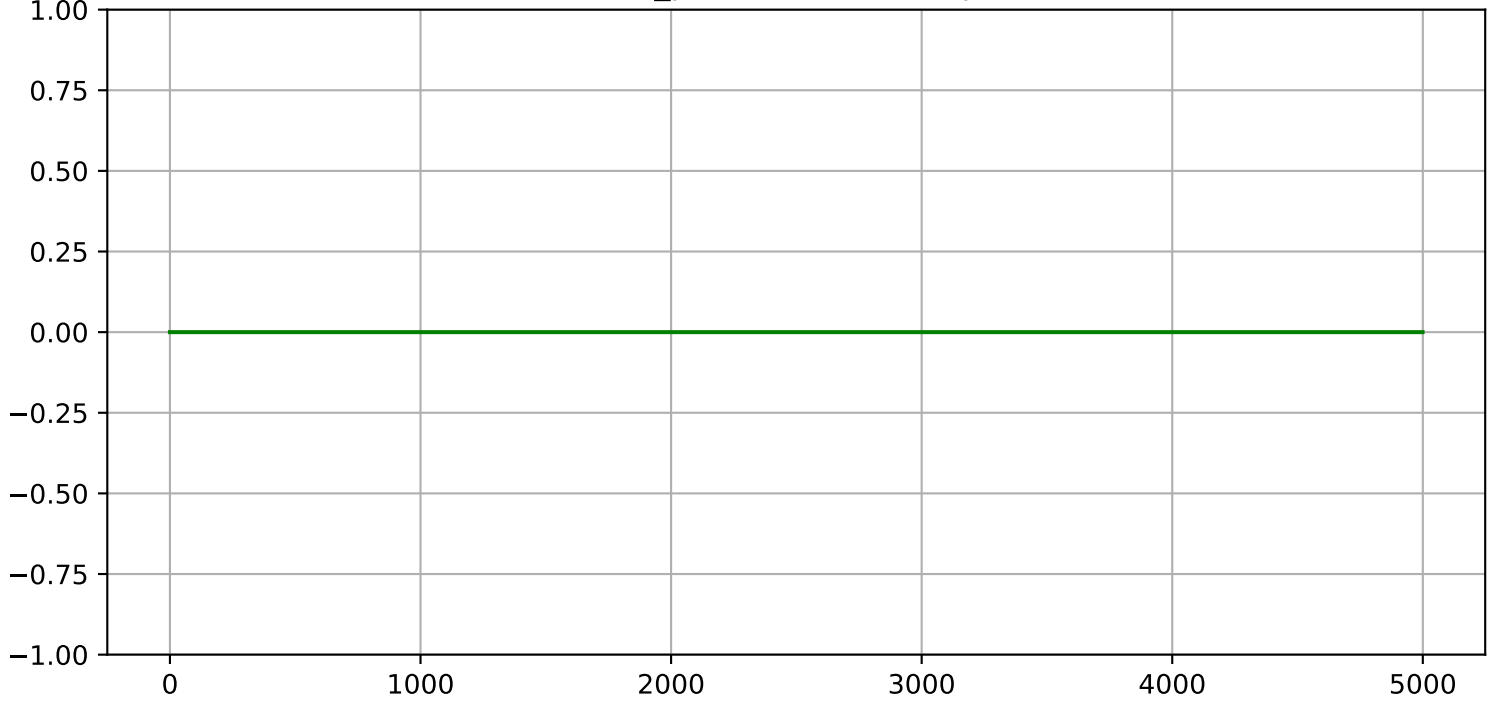
For N=20pairs; At the timestep 750



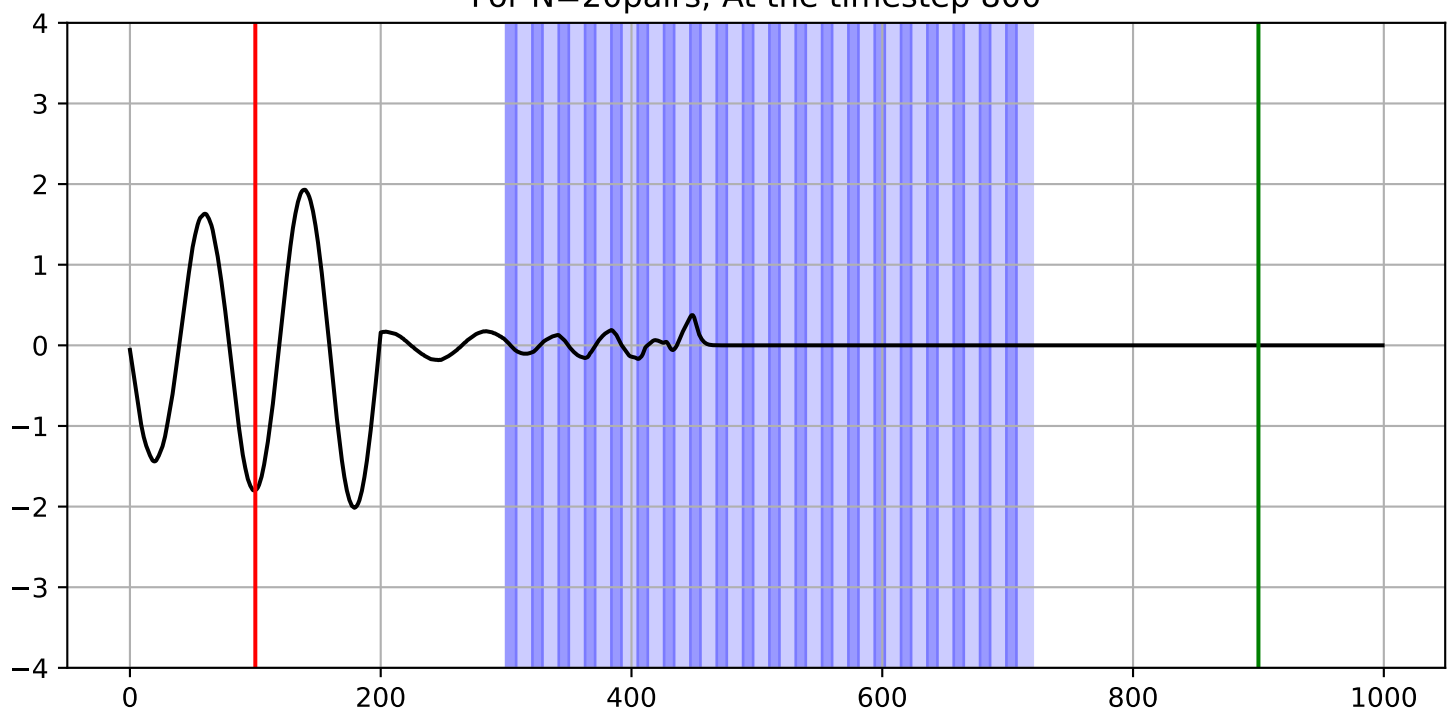
E[100]; At timestep 750



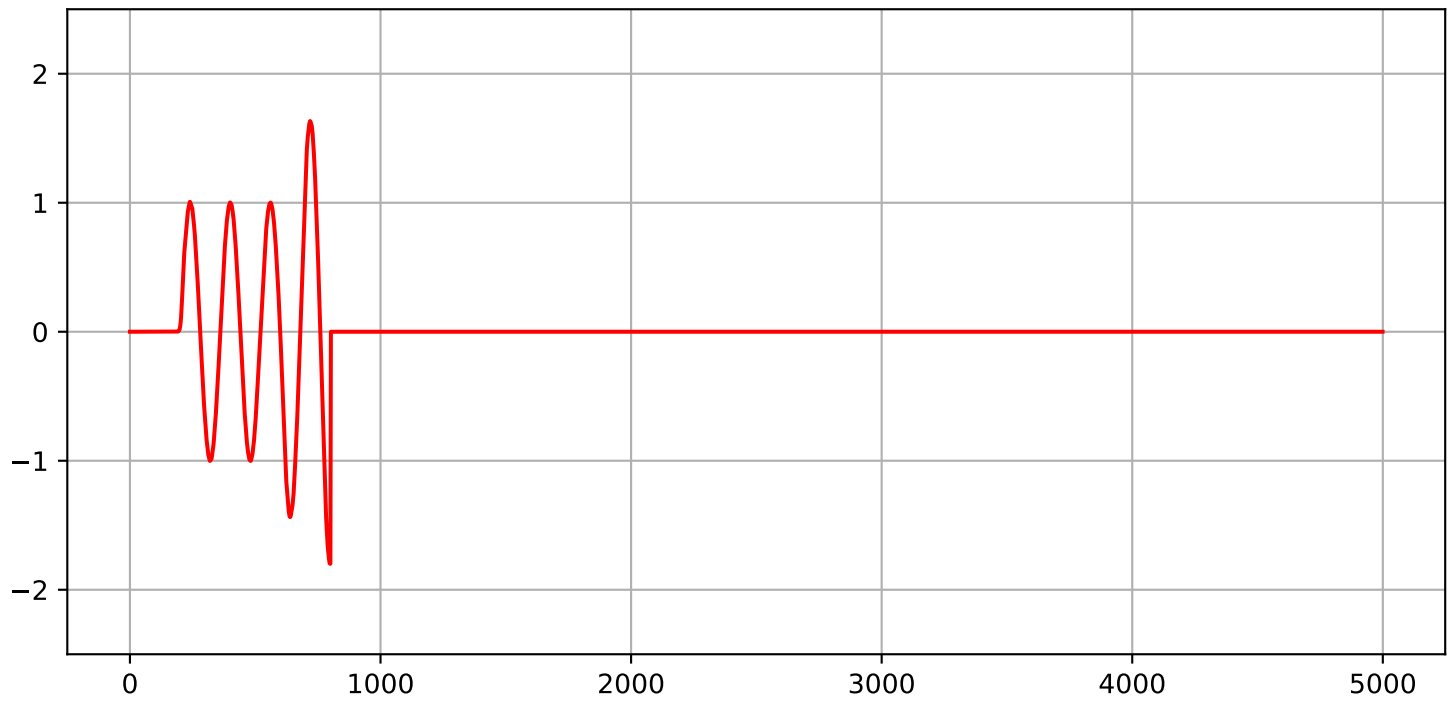
E[trans_probe]; At timestep 750



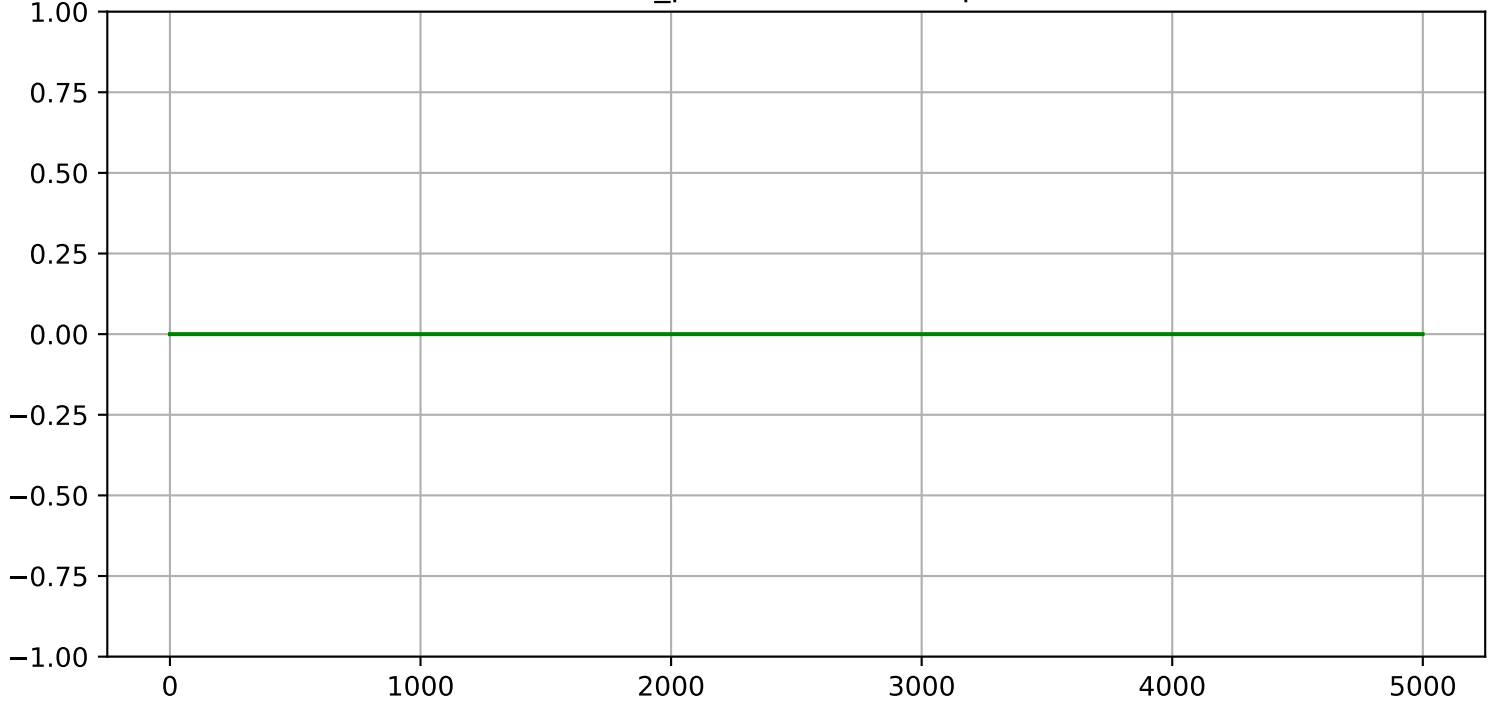
For N=20pairs; At the timestep 800



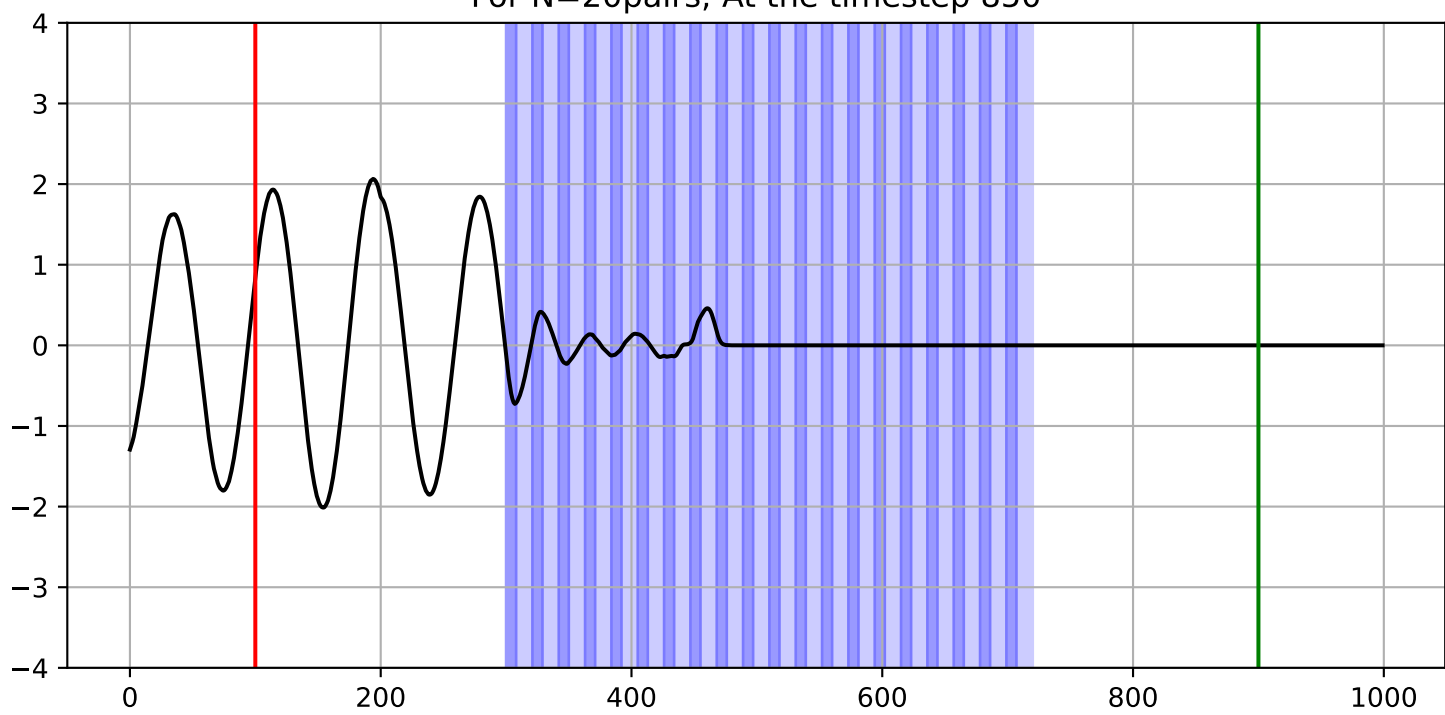
E[100]; At timestep 800



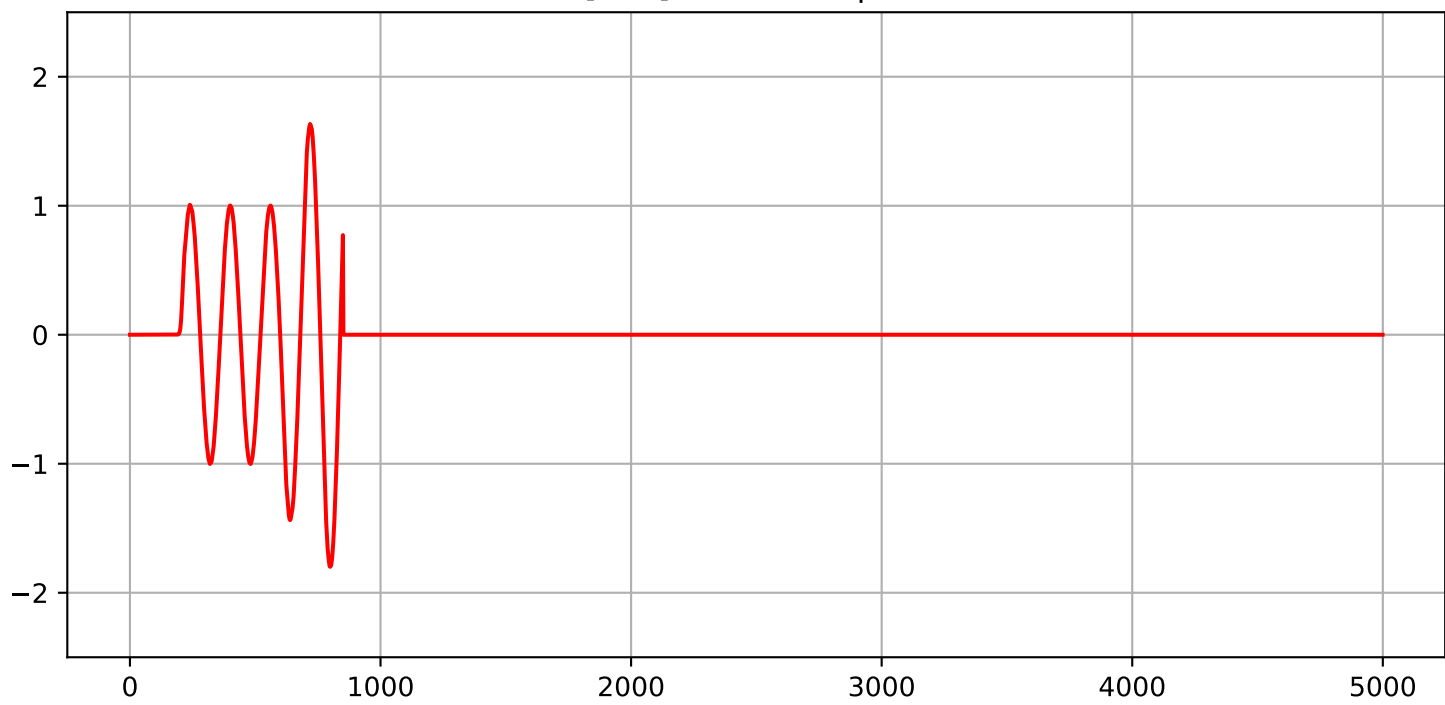
E[trans_probe]; At timestep 800



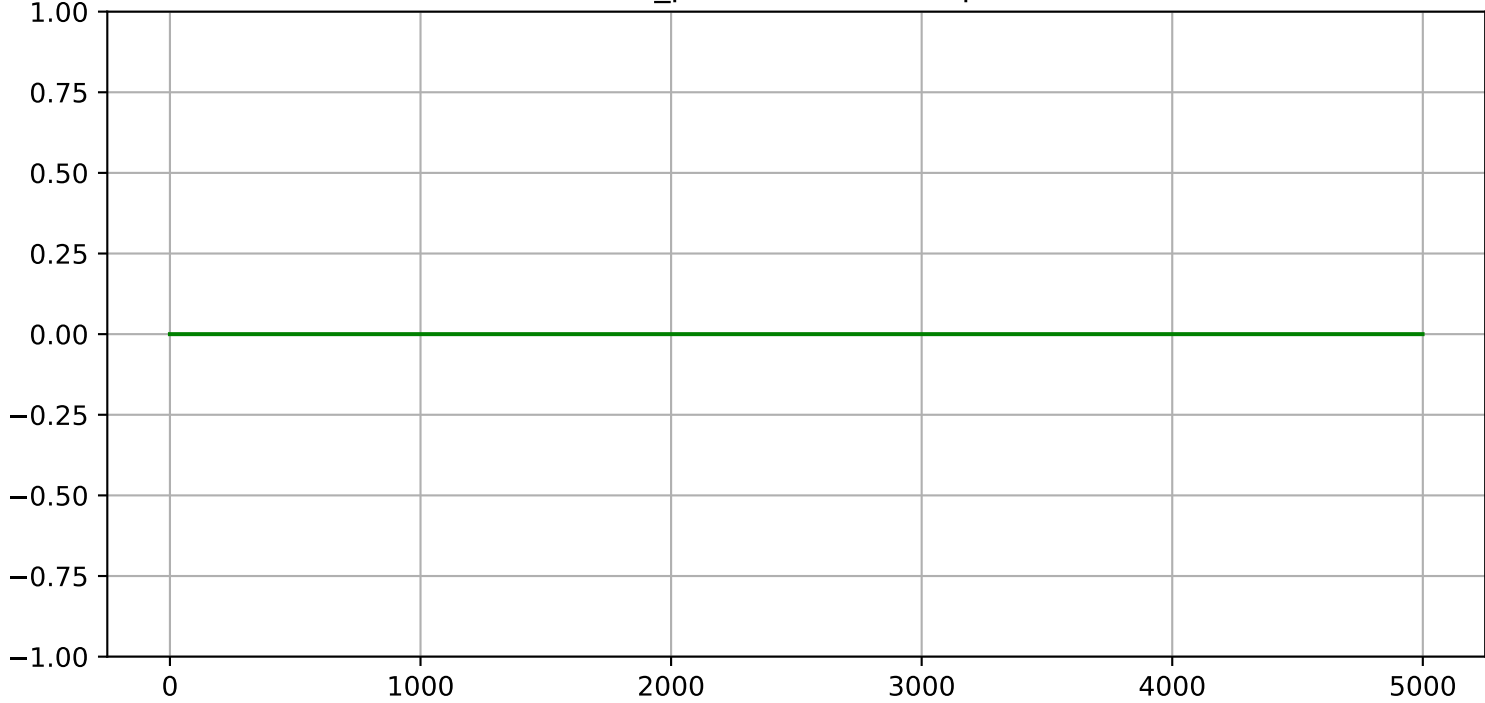
For N=20pairs; At the timestep 850



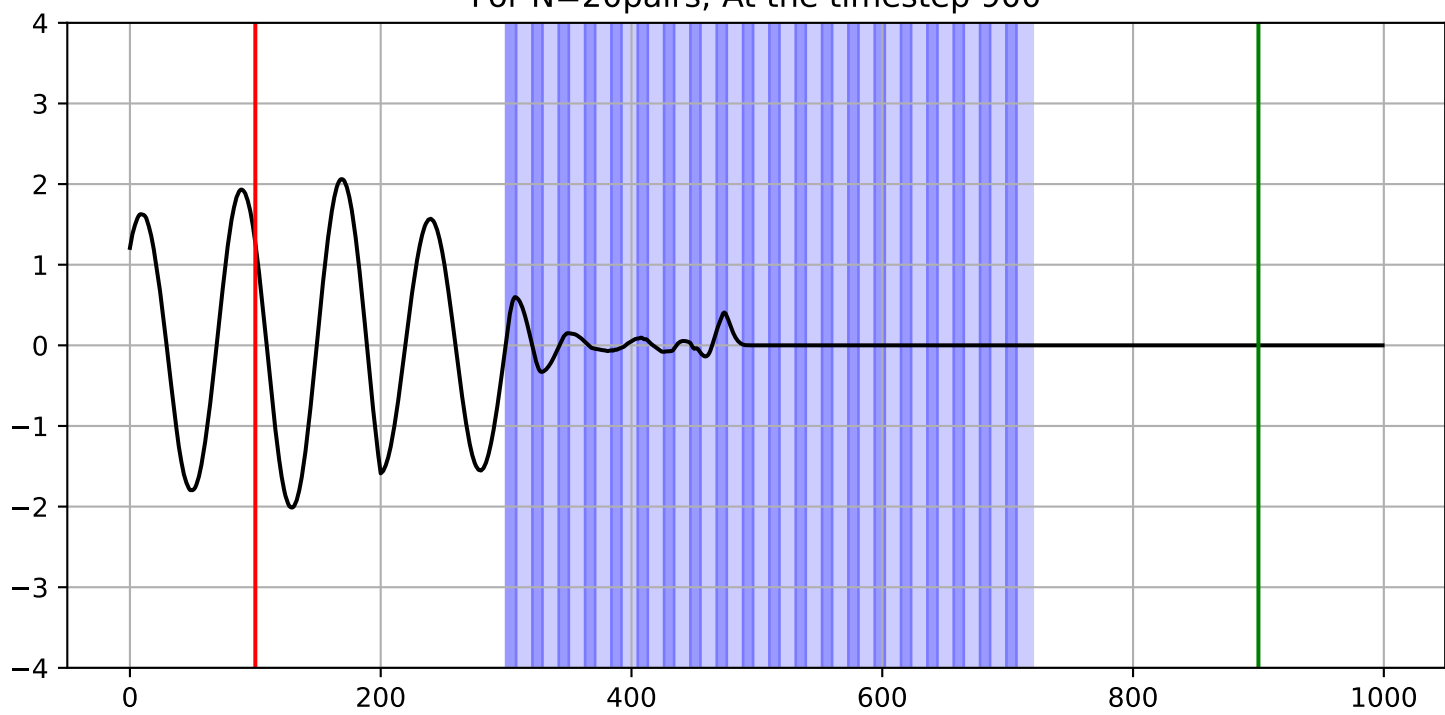
E[100]; At timestep 850



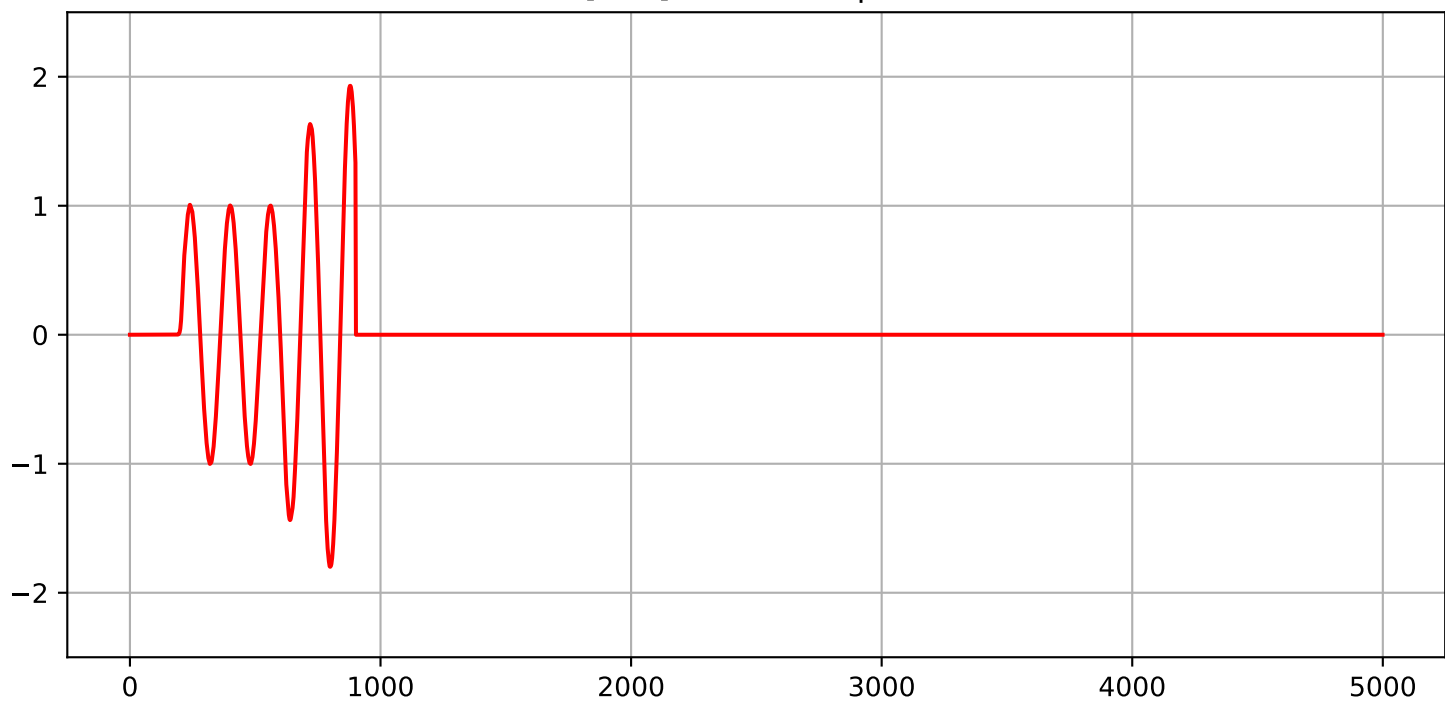
E[trans_probe]; At timestep 850



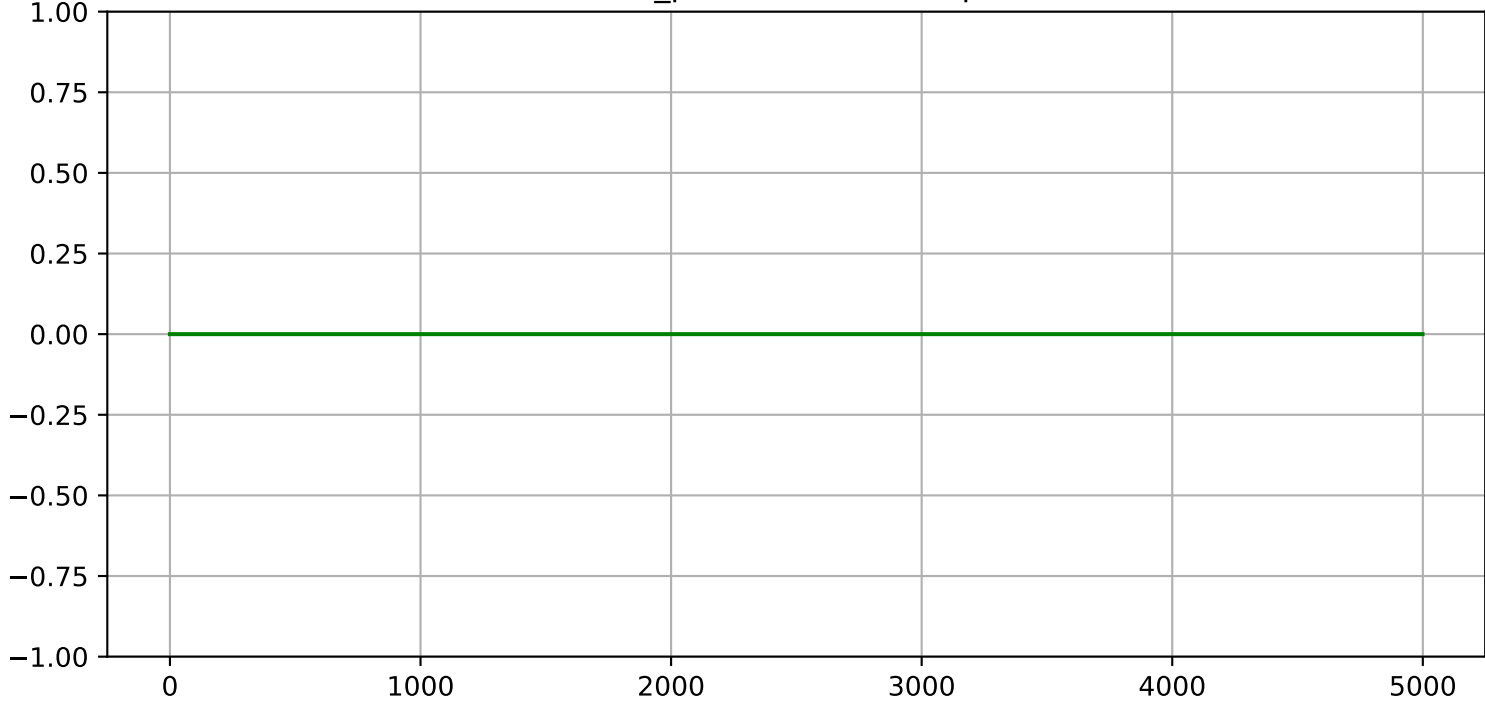
For N=20pairs; At the timestep 900



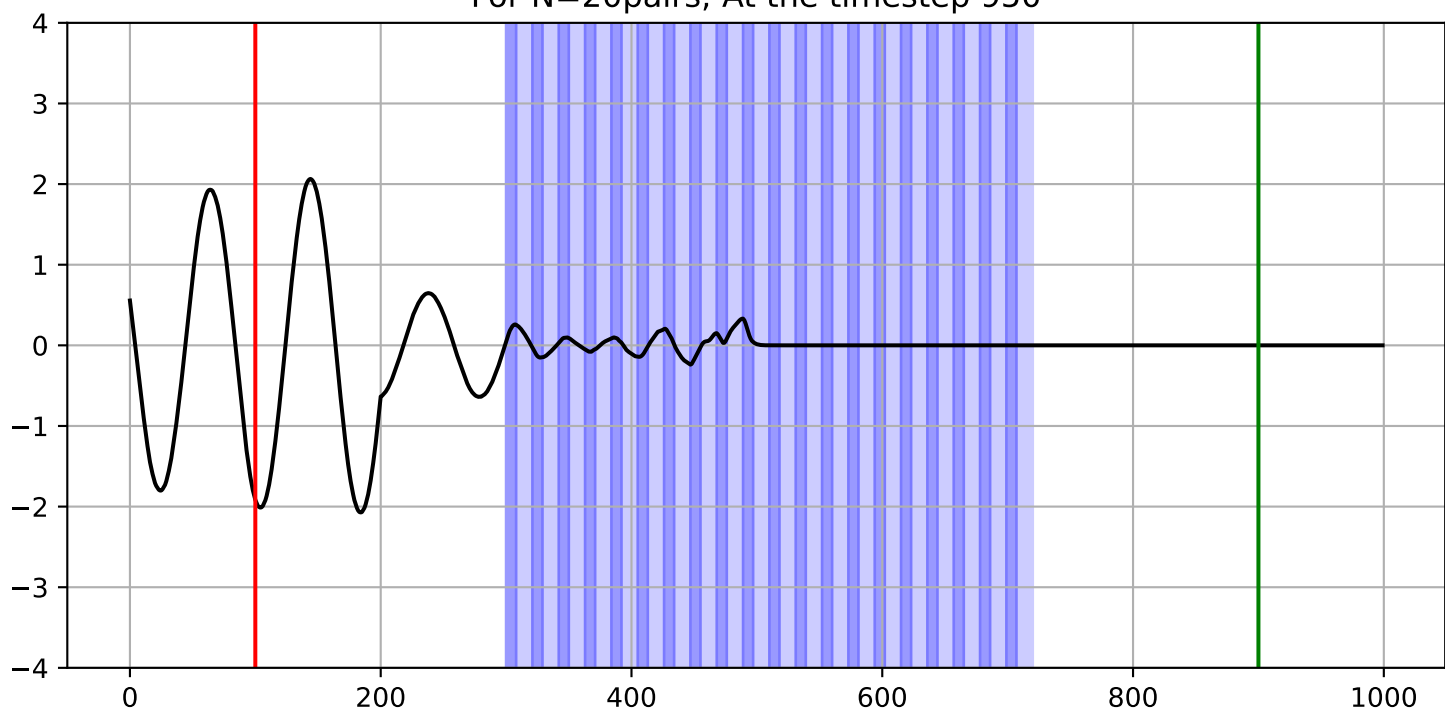
E[100]; At timestep 900



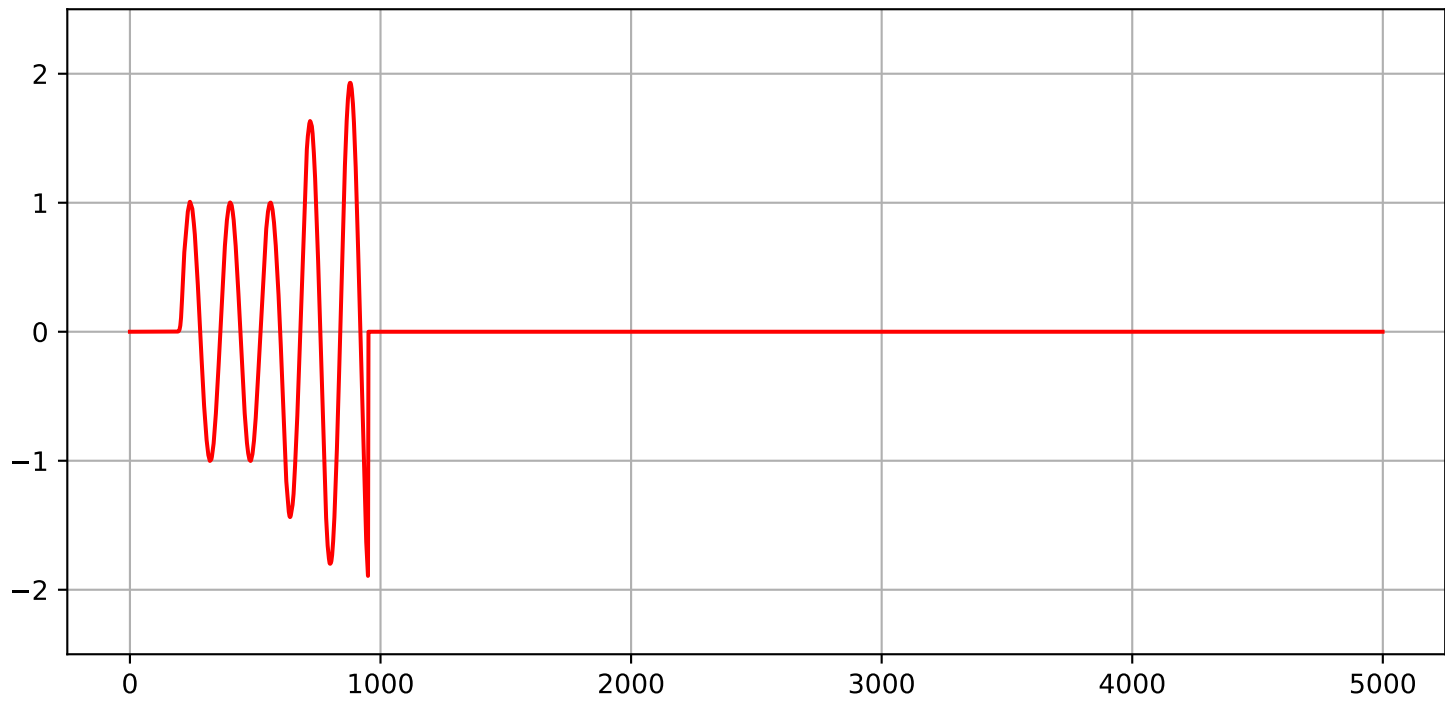
E[trans_probe]; At timestep 900



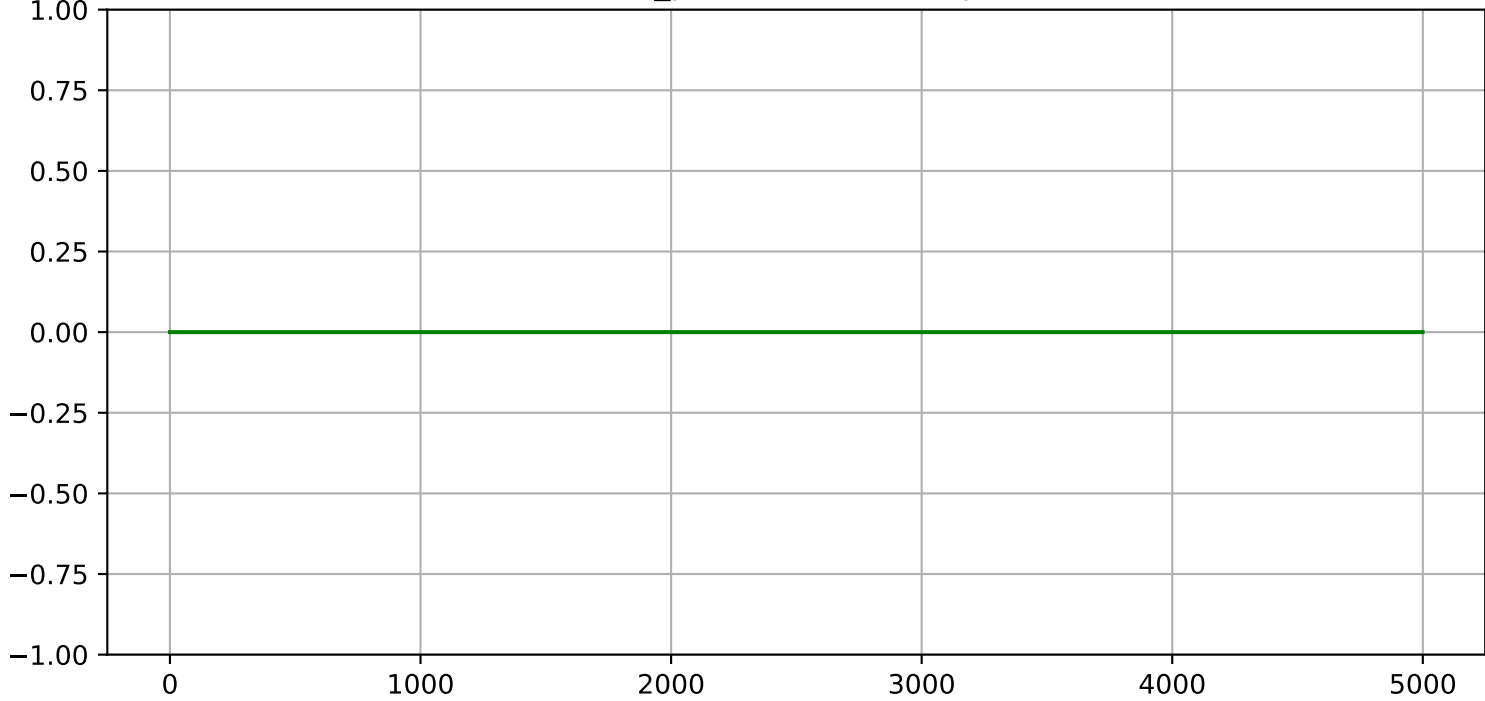
For N=20pairs; At the timestep 950



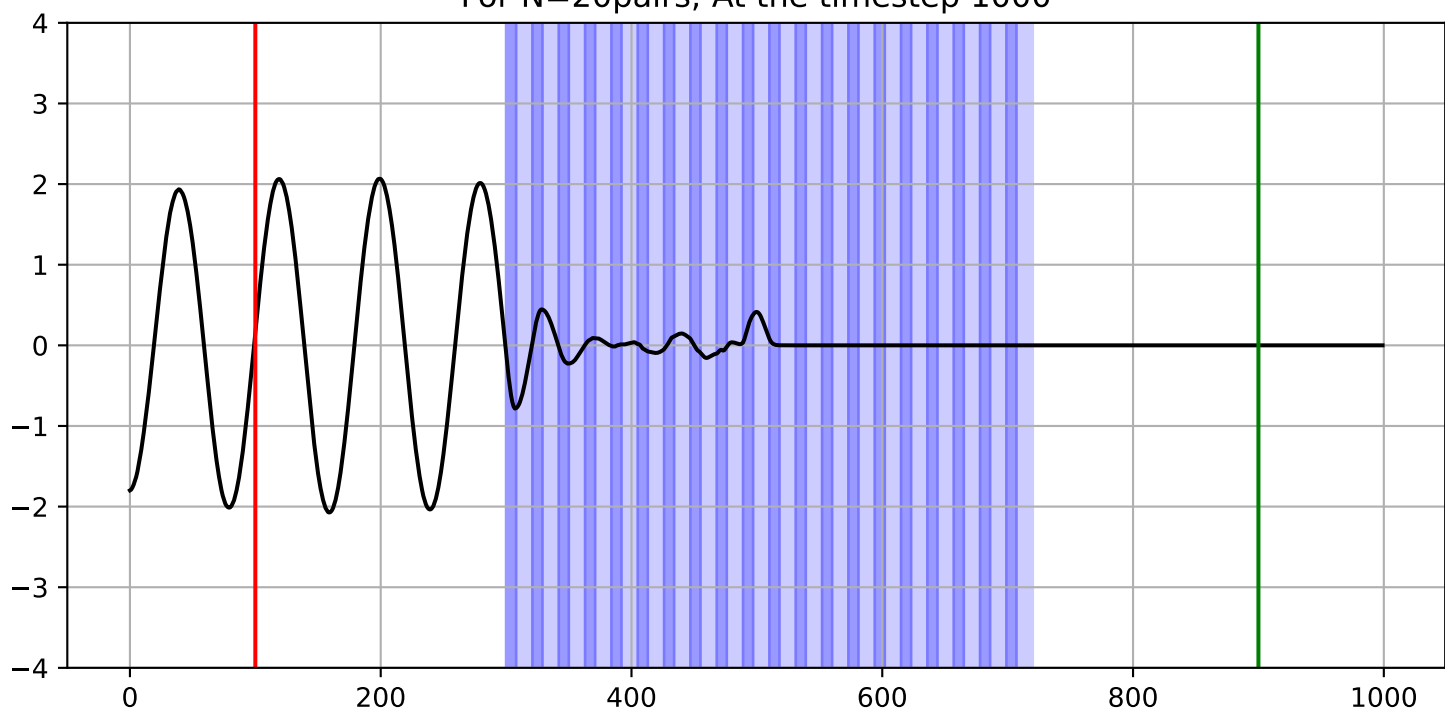
E[100]; At timestep 950



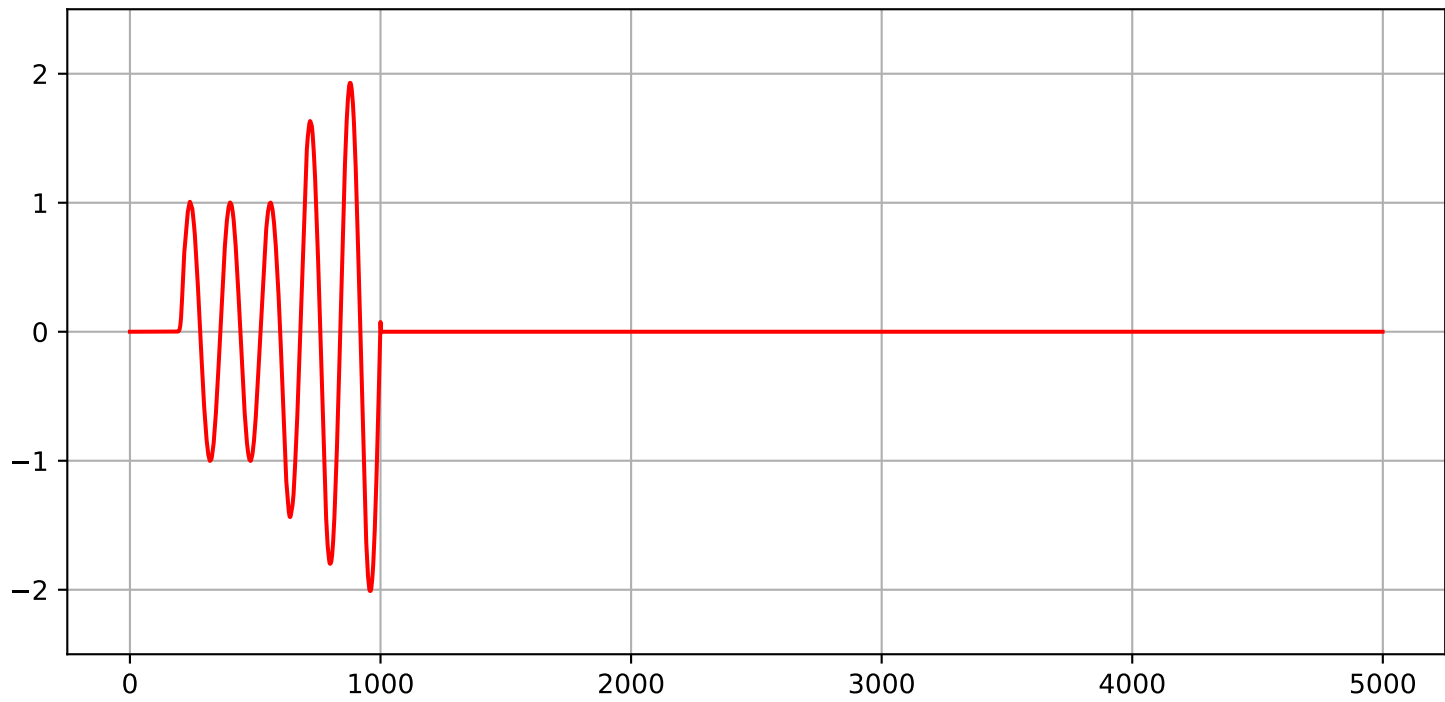
E[trans_probe]; At timestep 950



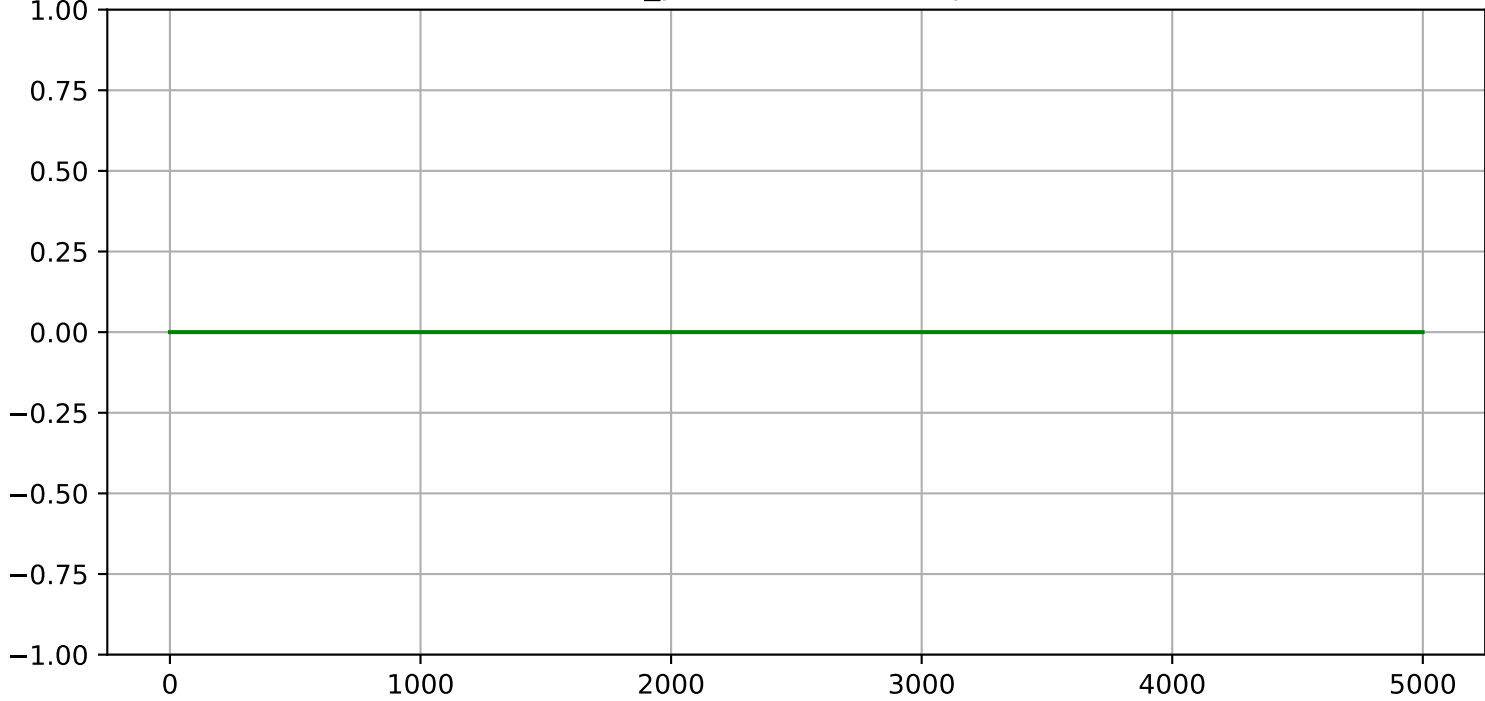
For N=20pairs; At the timestep 1000



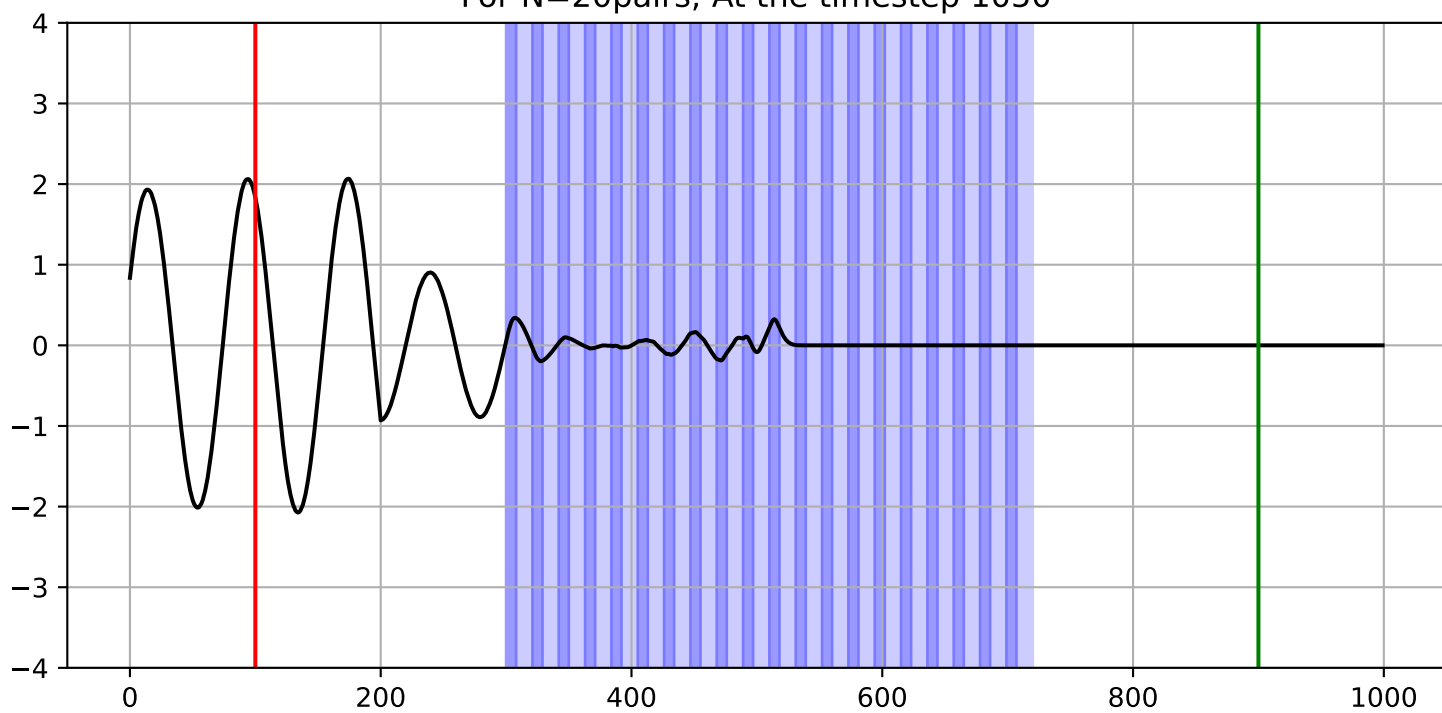
E[100]; At timestep 1000



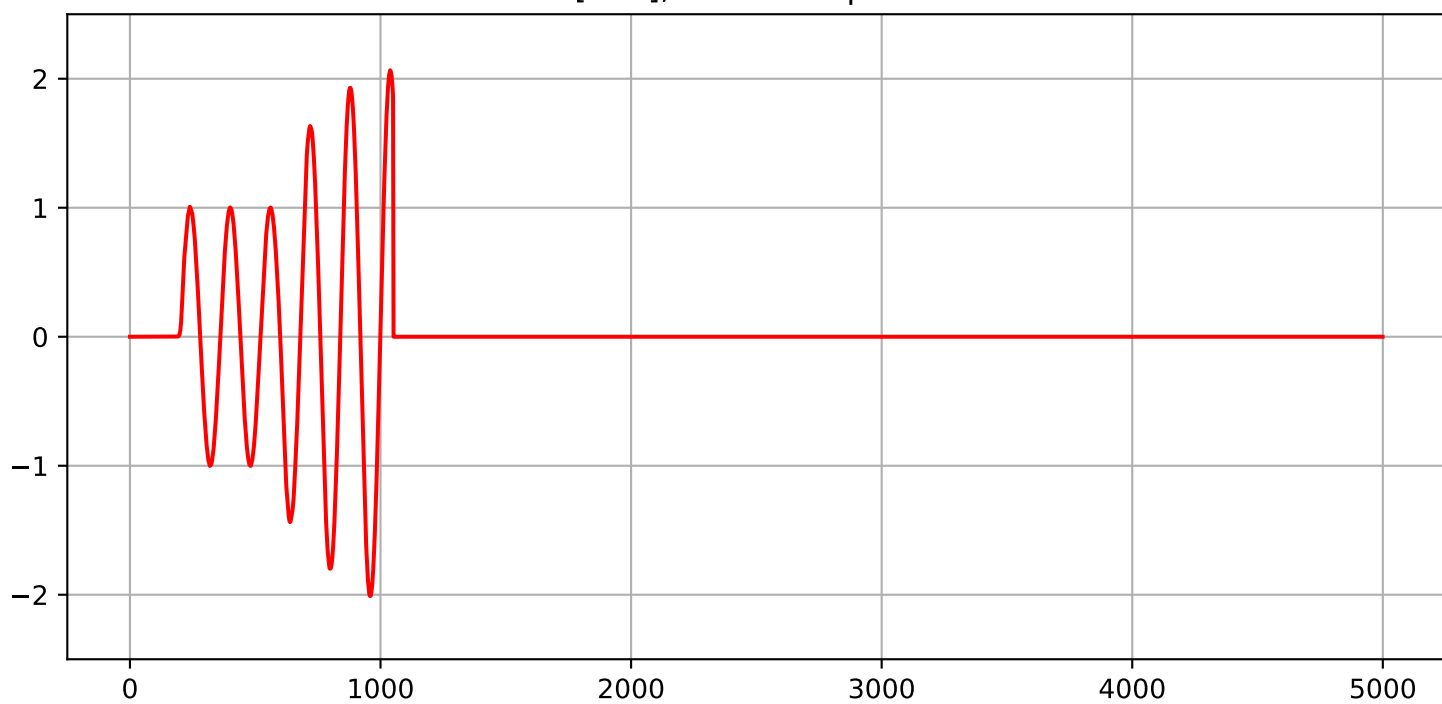
E[trans_probe]; At timestep 1000



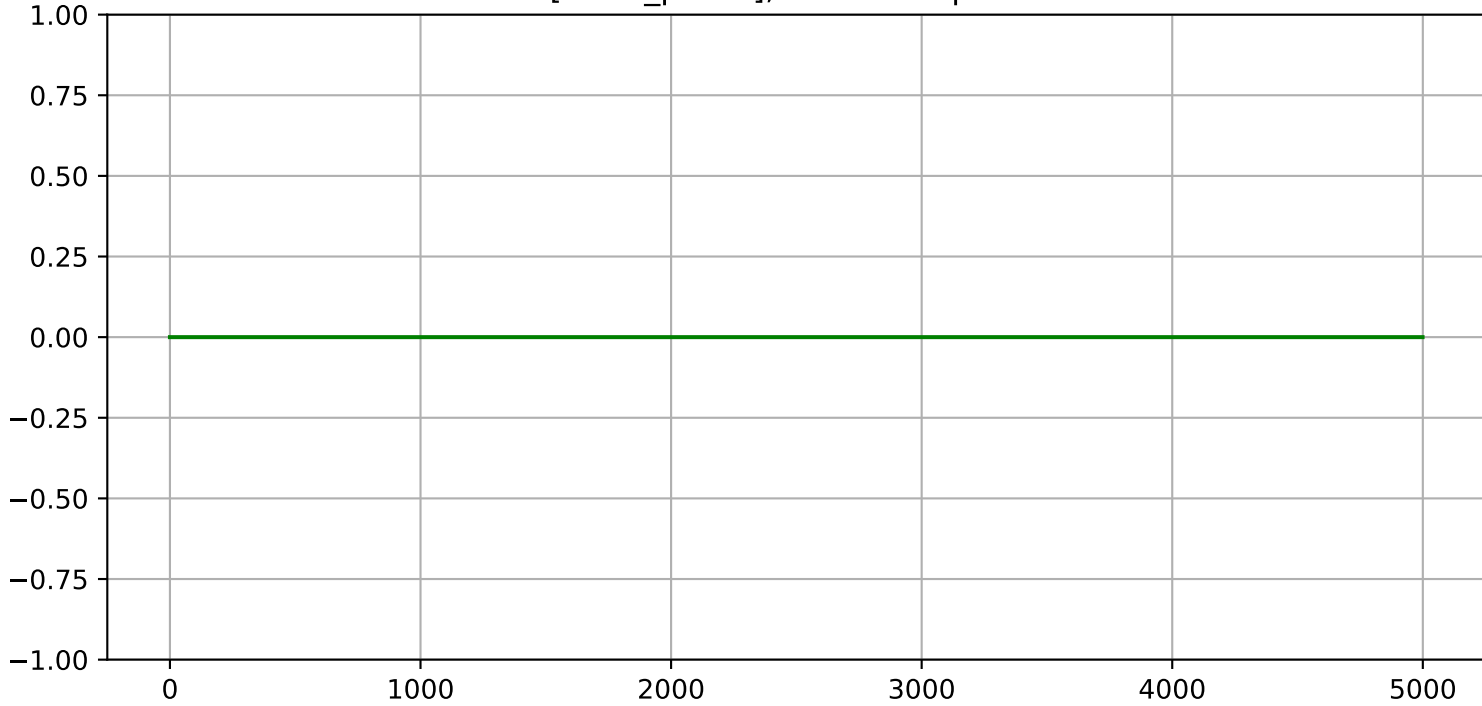
For N=20pairs; At the timestep 1050



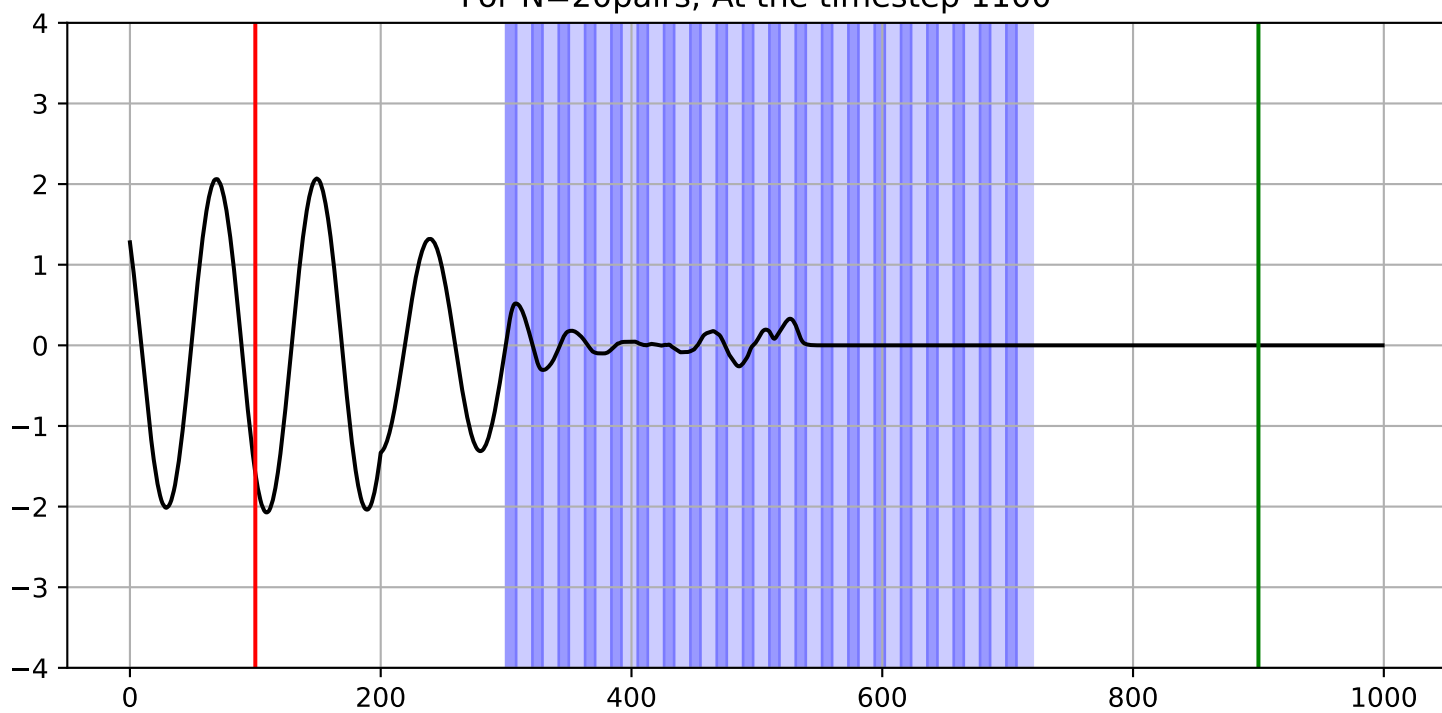
E[100]; At timestep 1050



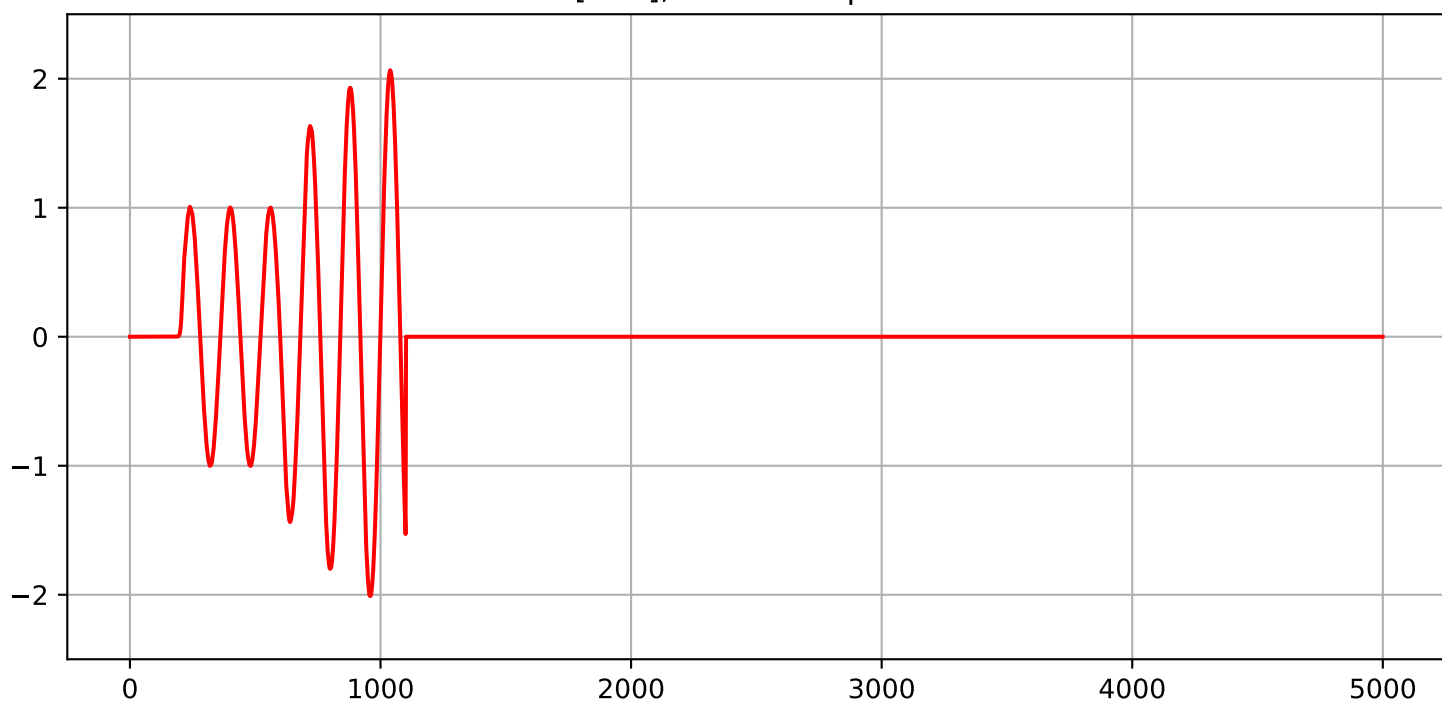
E[trans_probe]; At timestep 1050



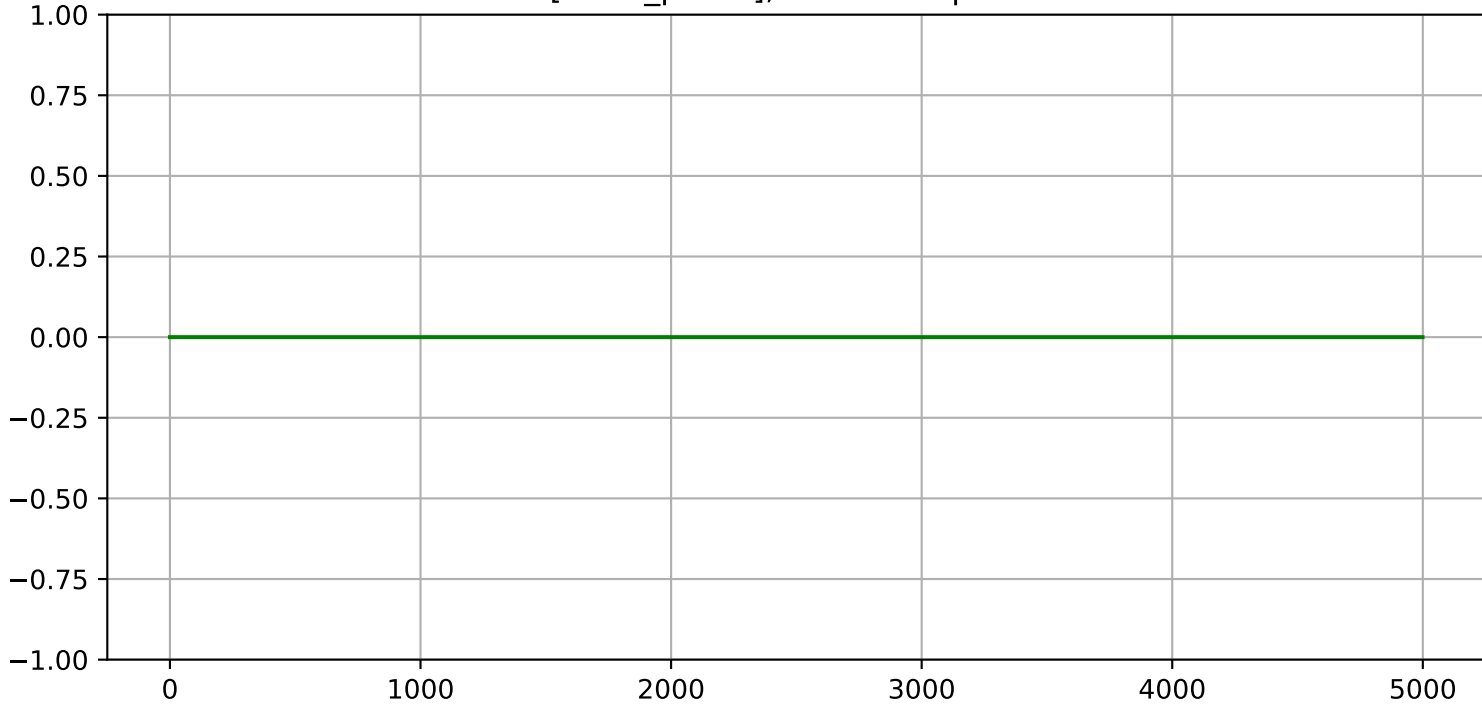
For N=20pairs; At the timestep 1100



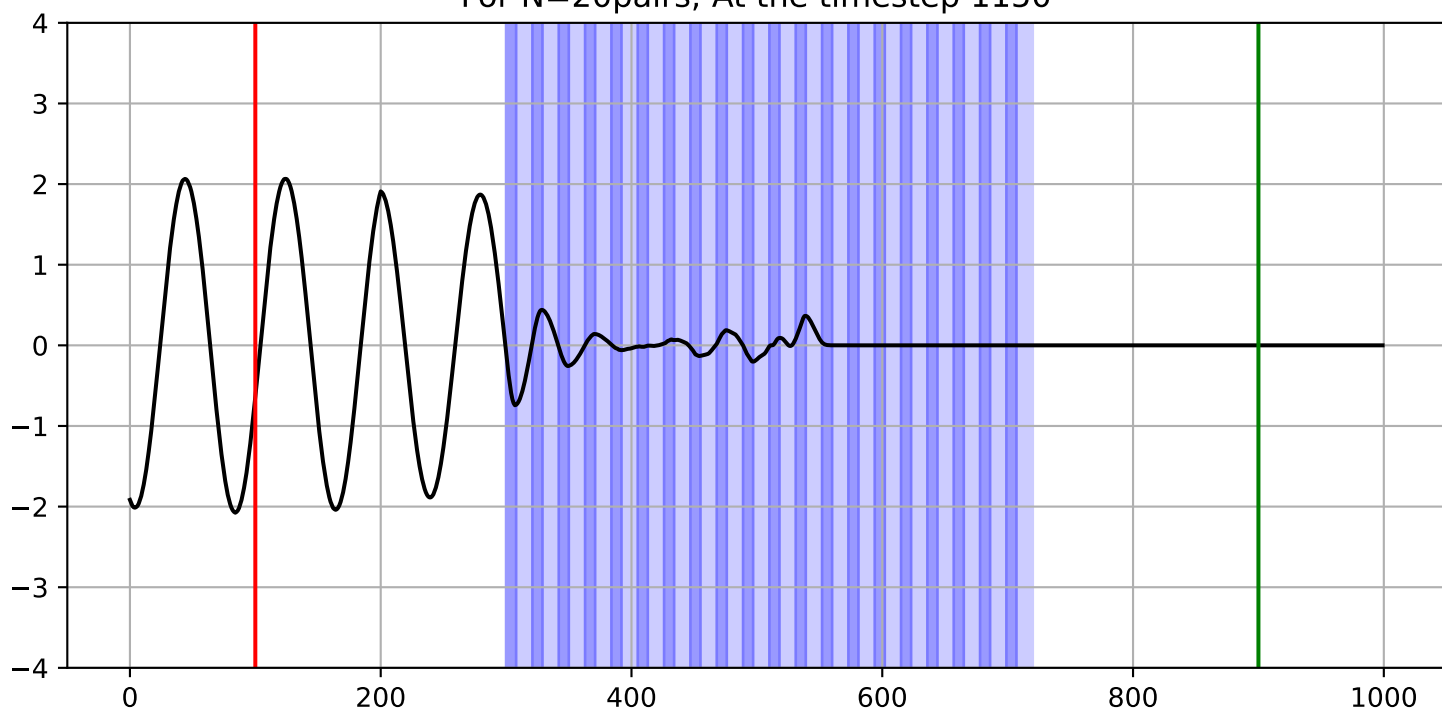
E[100]; At timestep 1100



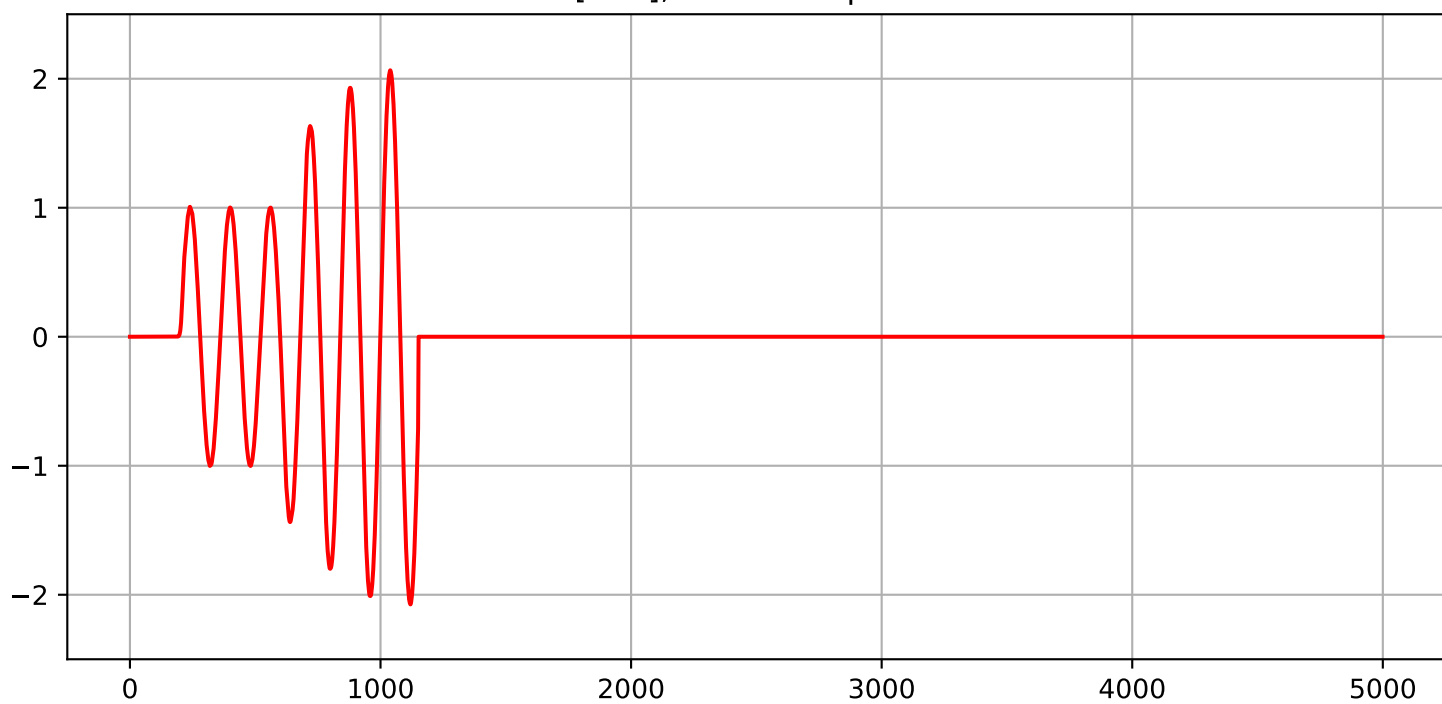
E[trans_probe]; At timestep 1100



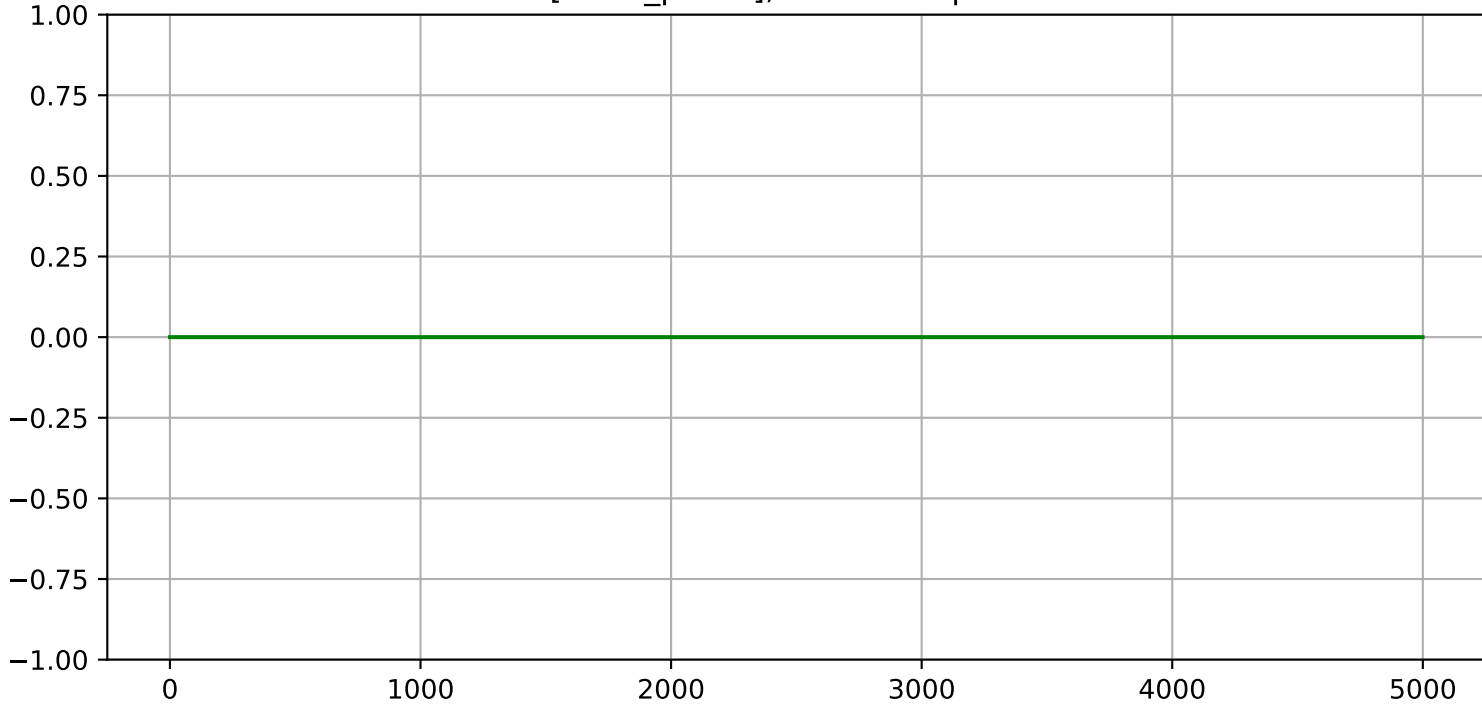
For N=20pairs; At the timestep 1150



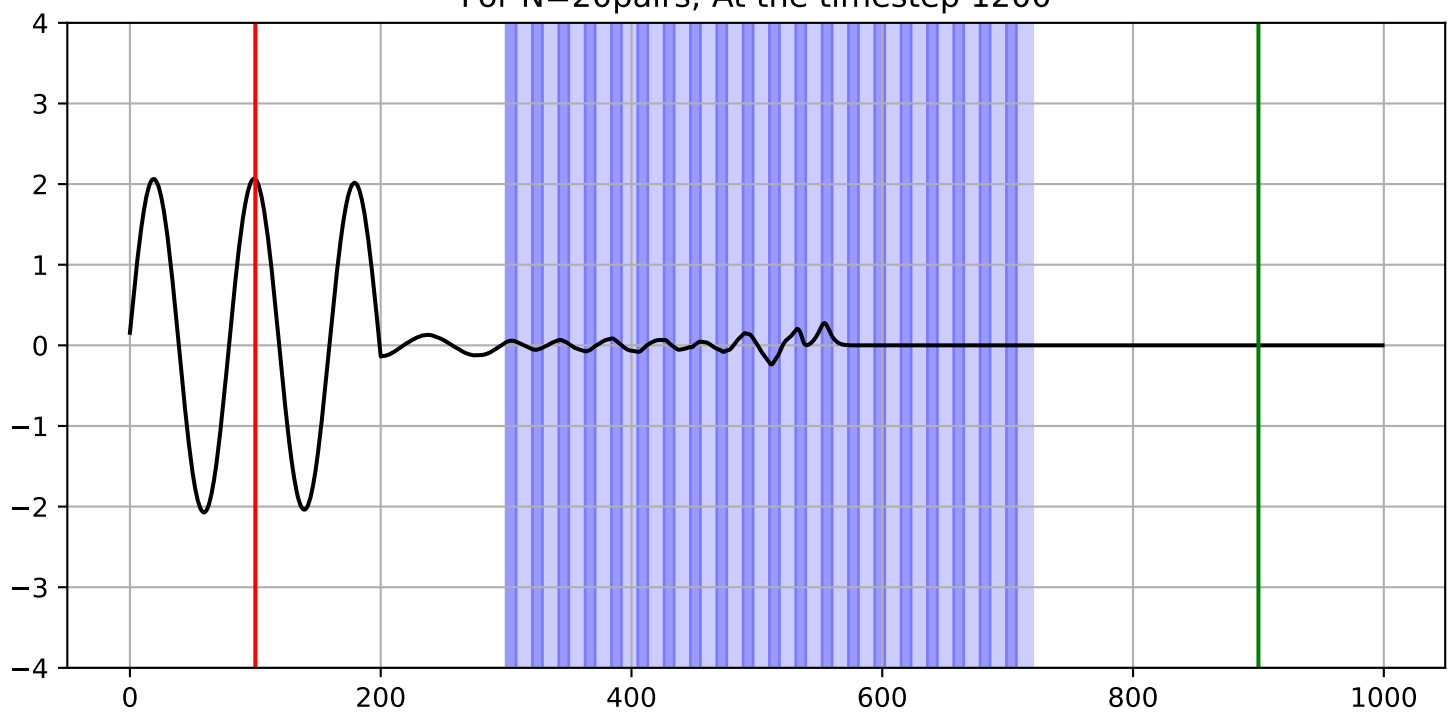
E[100]; At timestep 1150



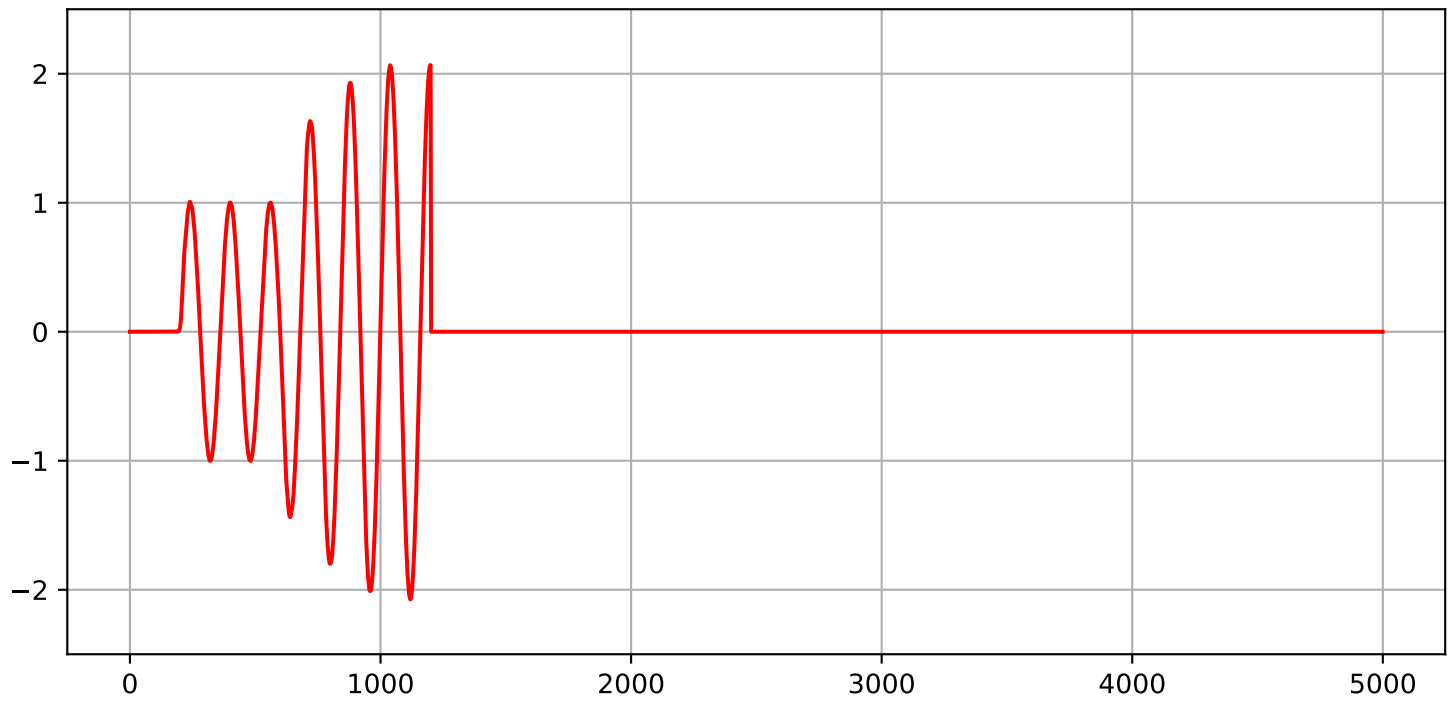
E[trans_probe]; At timestep 1150



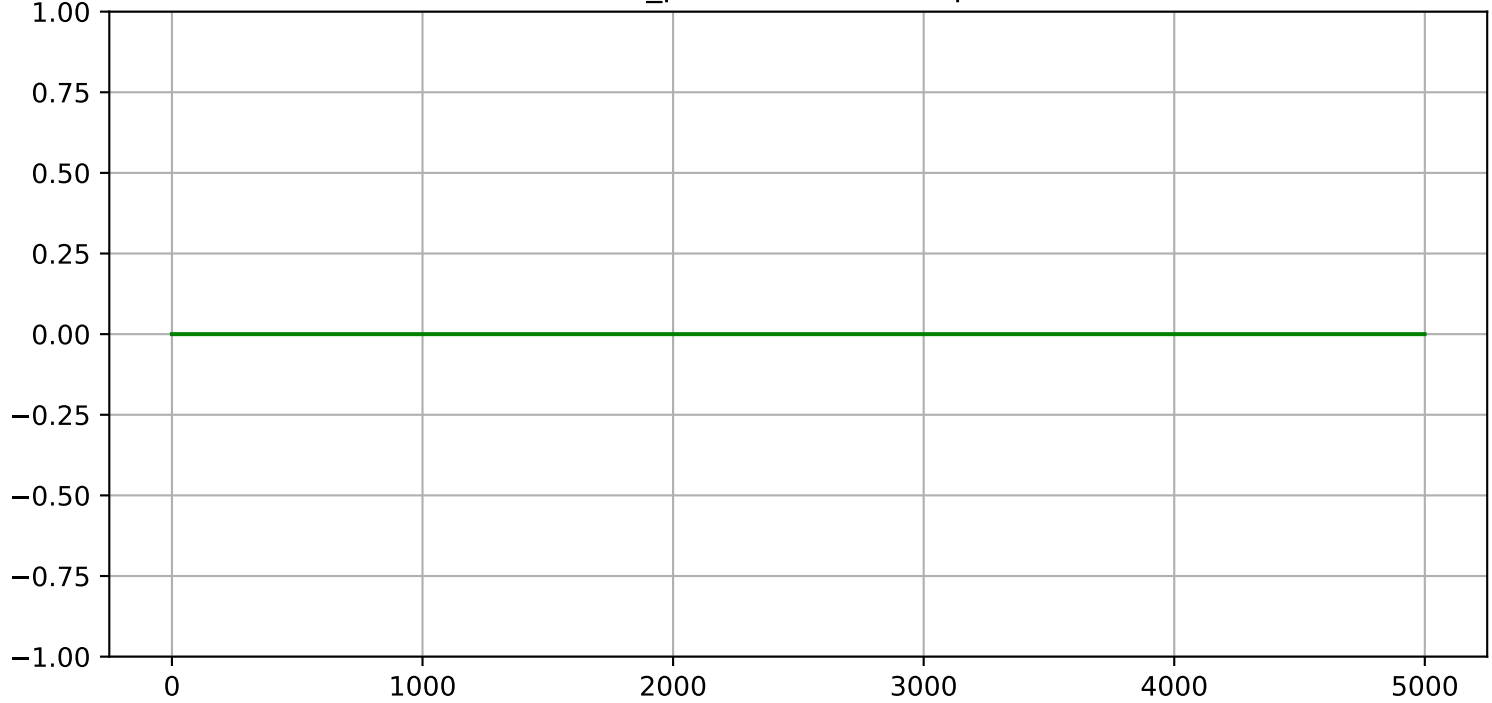
For N=20pairs; At the timestep 1200



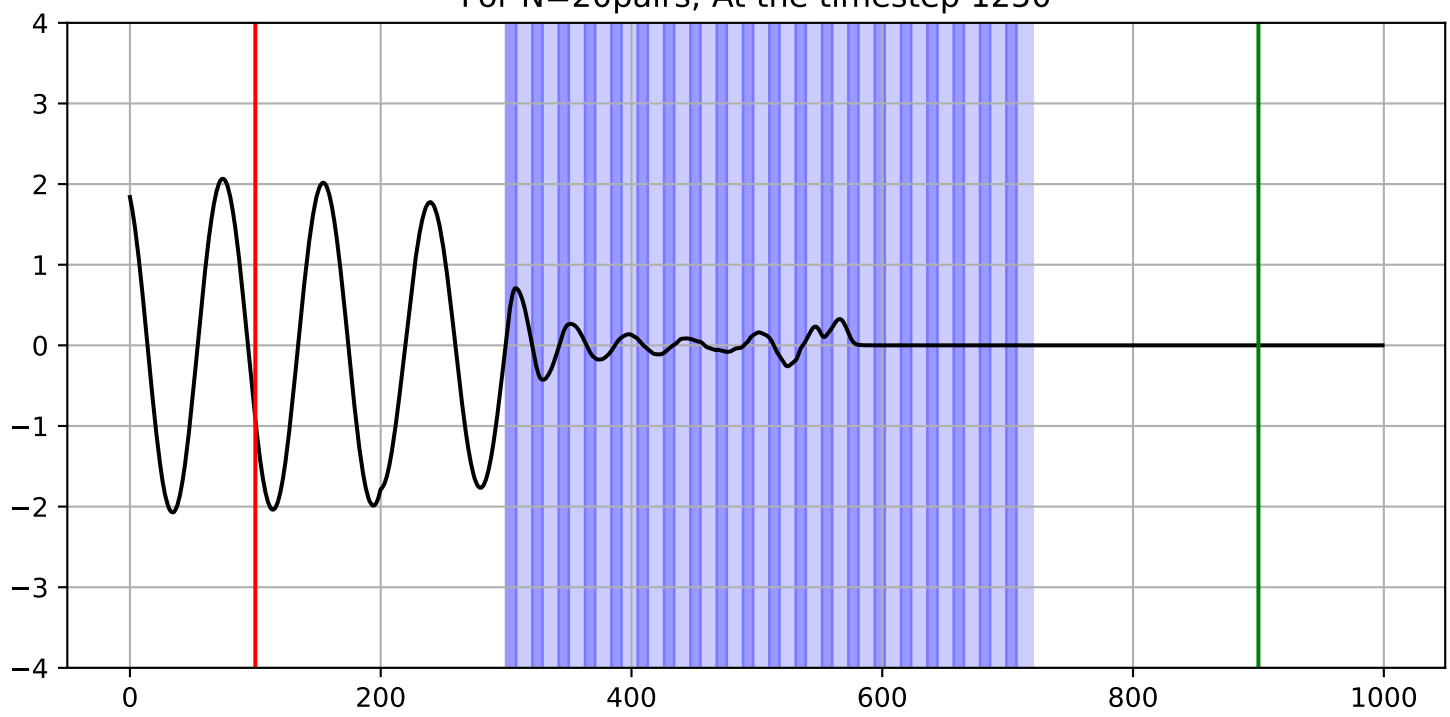
E[100]; At timestep 1200



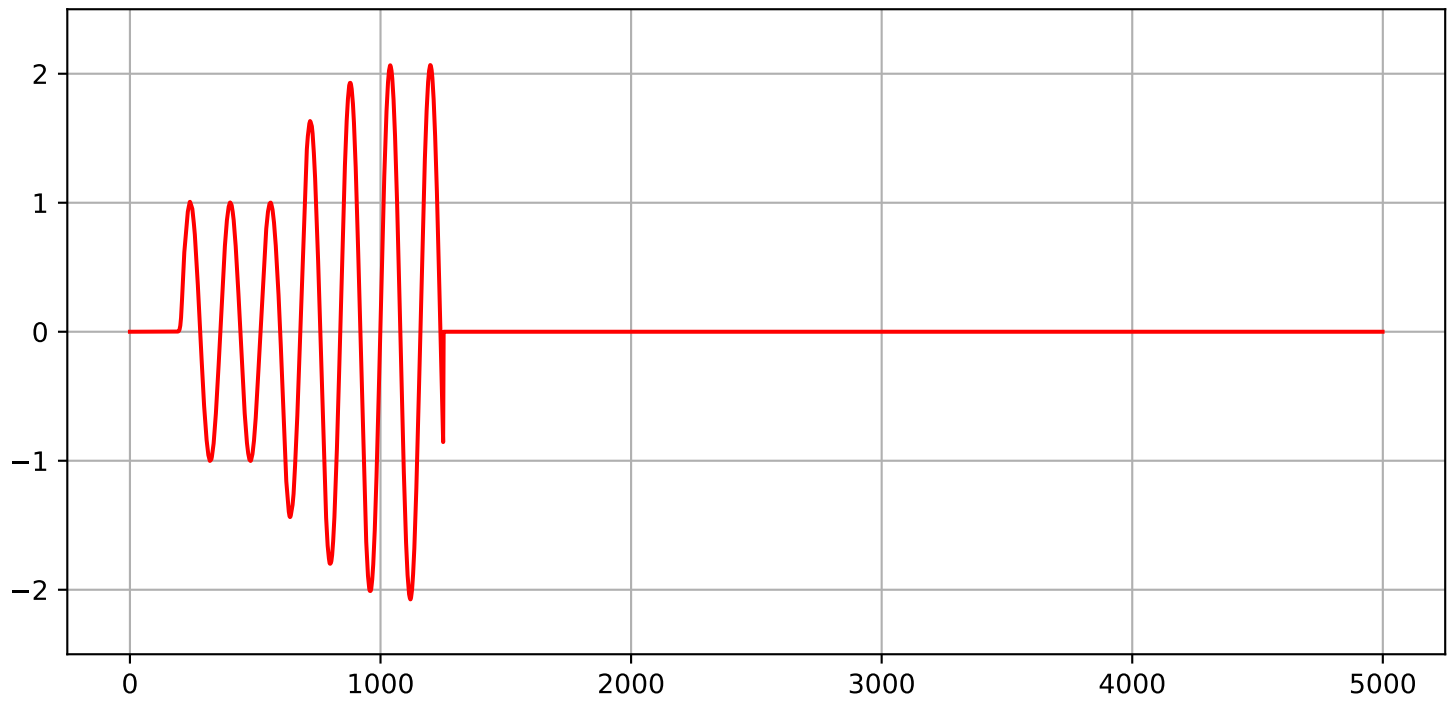
E[trans_probe]; At timestep 1200



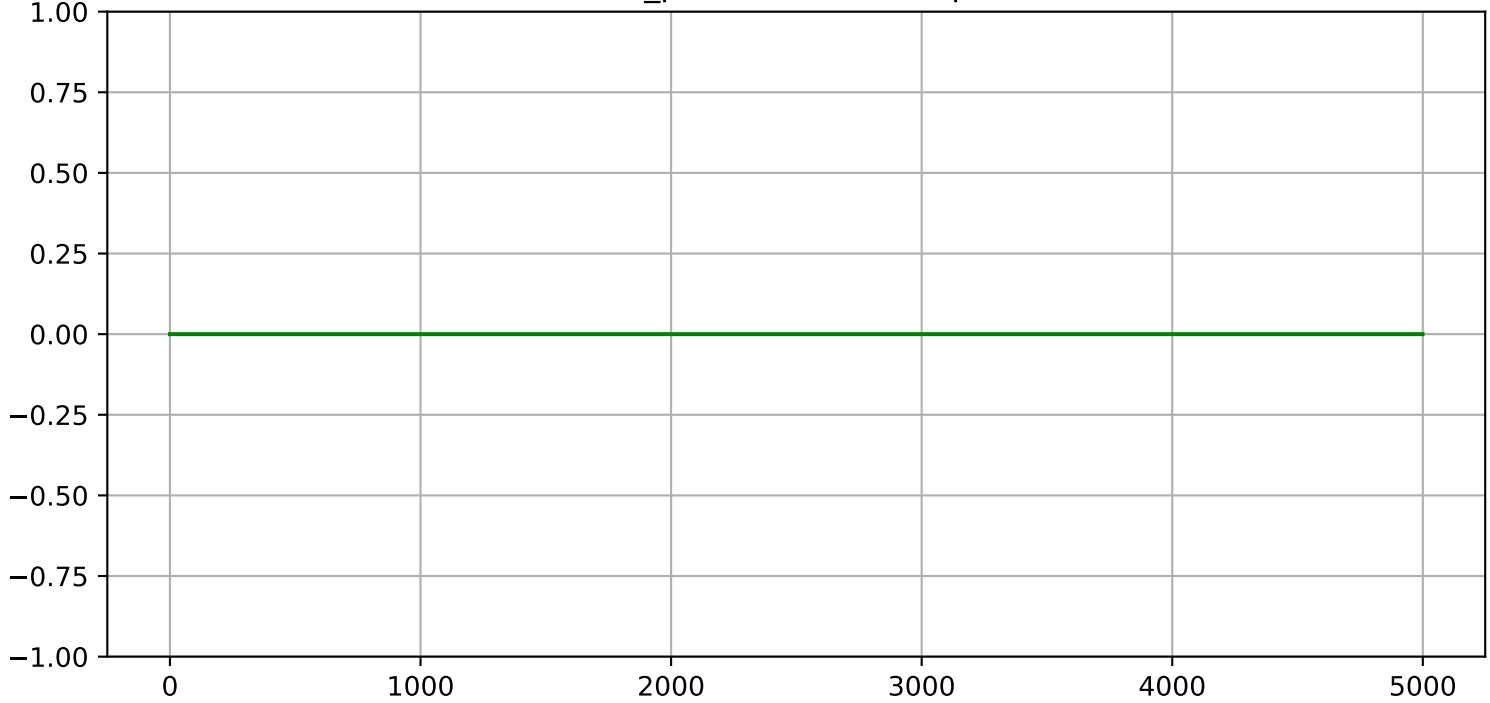
For N=20pairs; At the timestep 1250



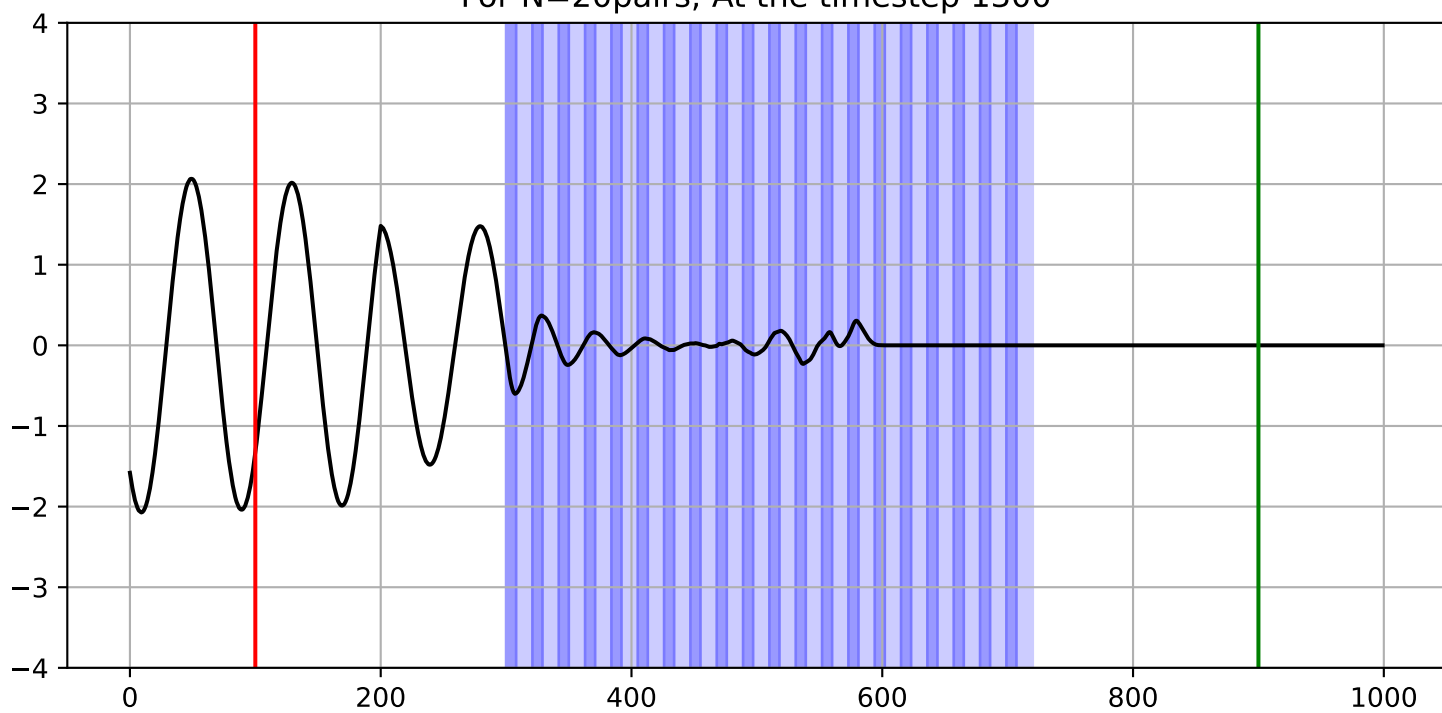
E[100]; At timestep 1250



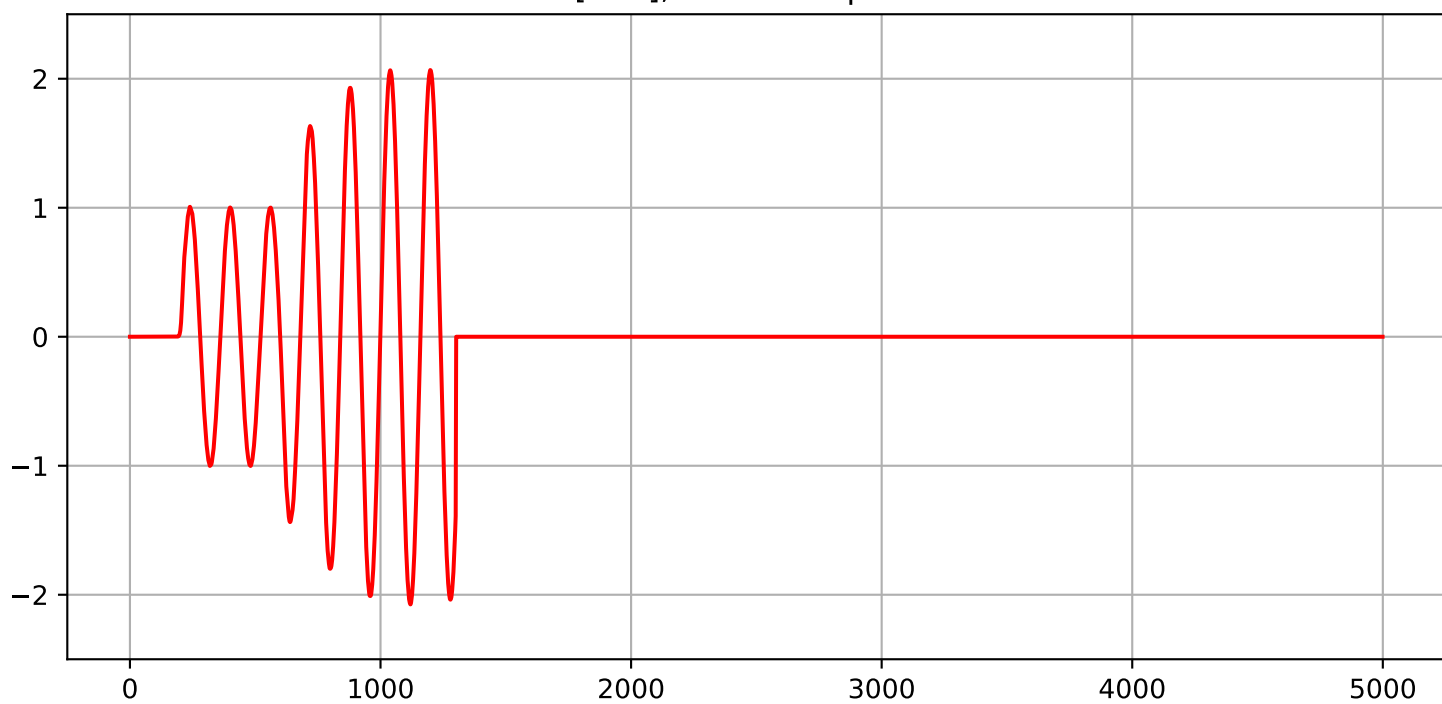
E[trans_probe]; At timestep 1250



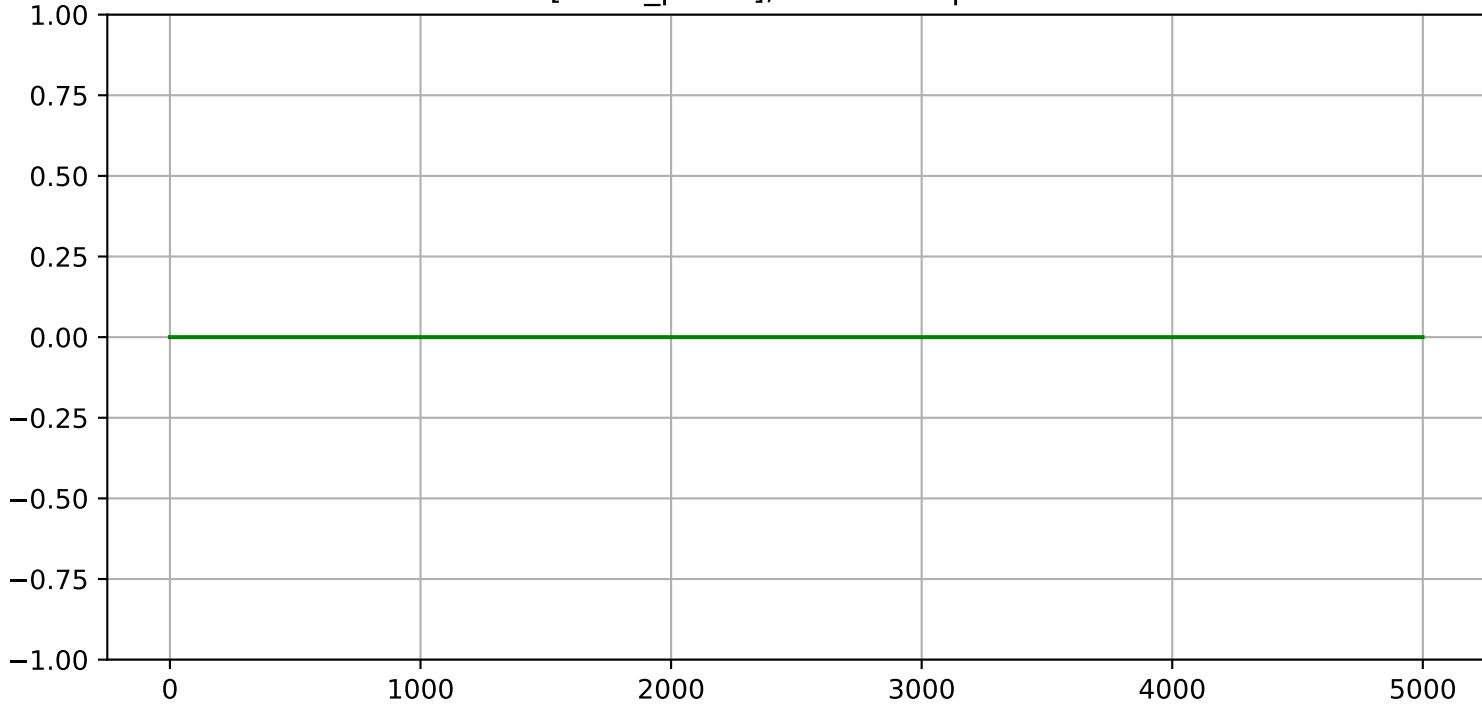
For N=20pairs; At the timestep 1300



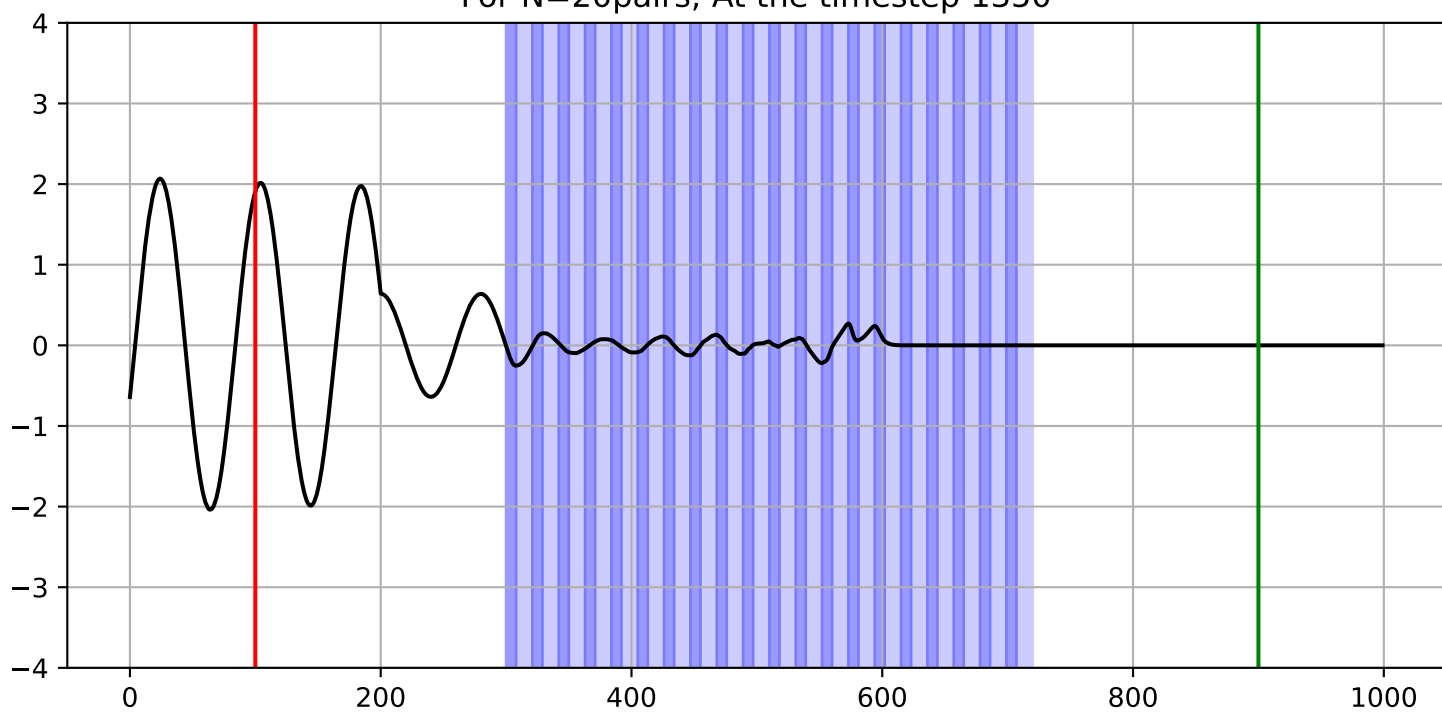
E[100]; At timestep 1300



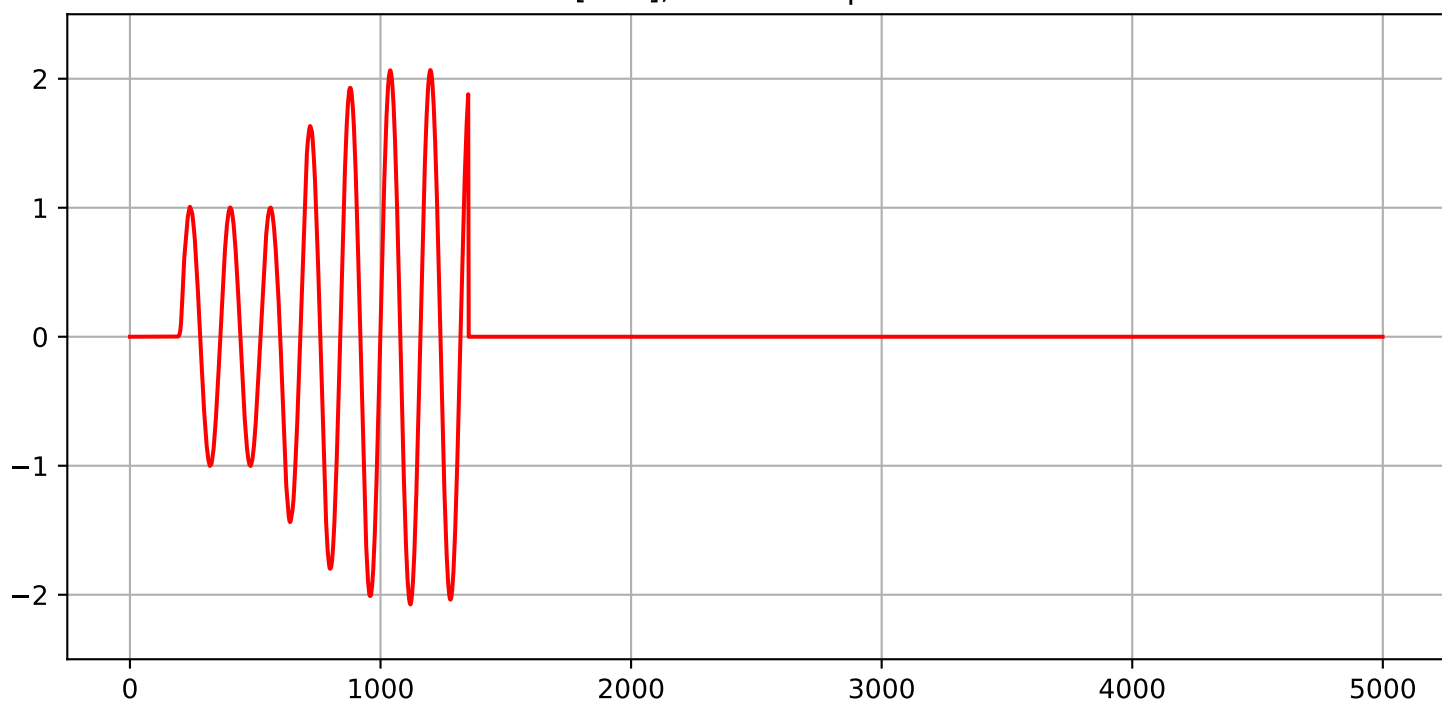
E[trans_probe]; At timestep 1300



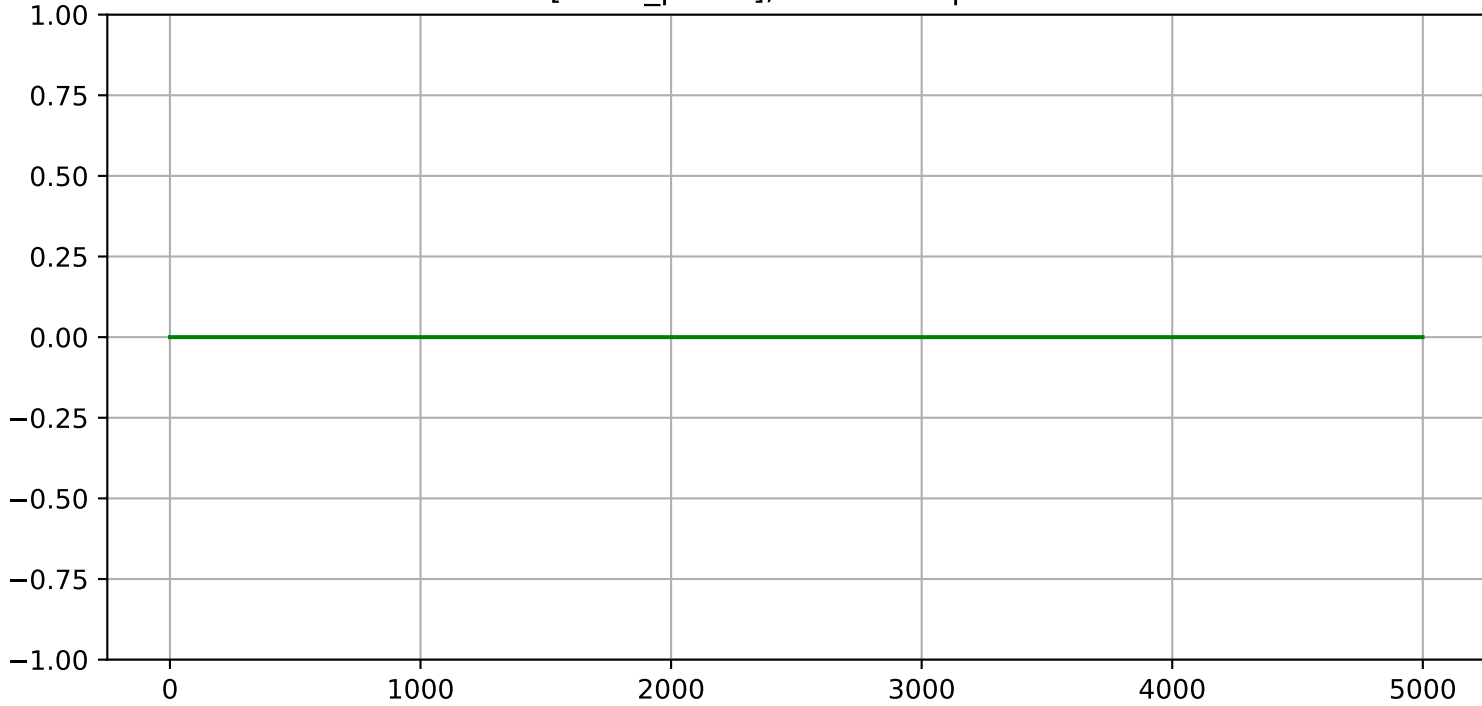
For N=20pairs; At the timestep 1350



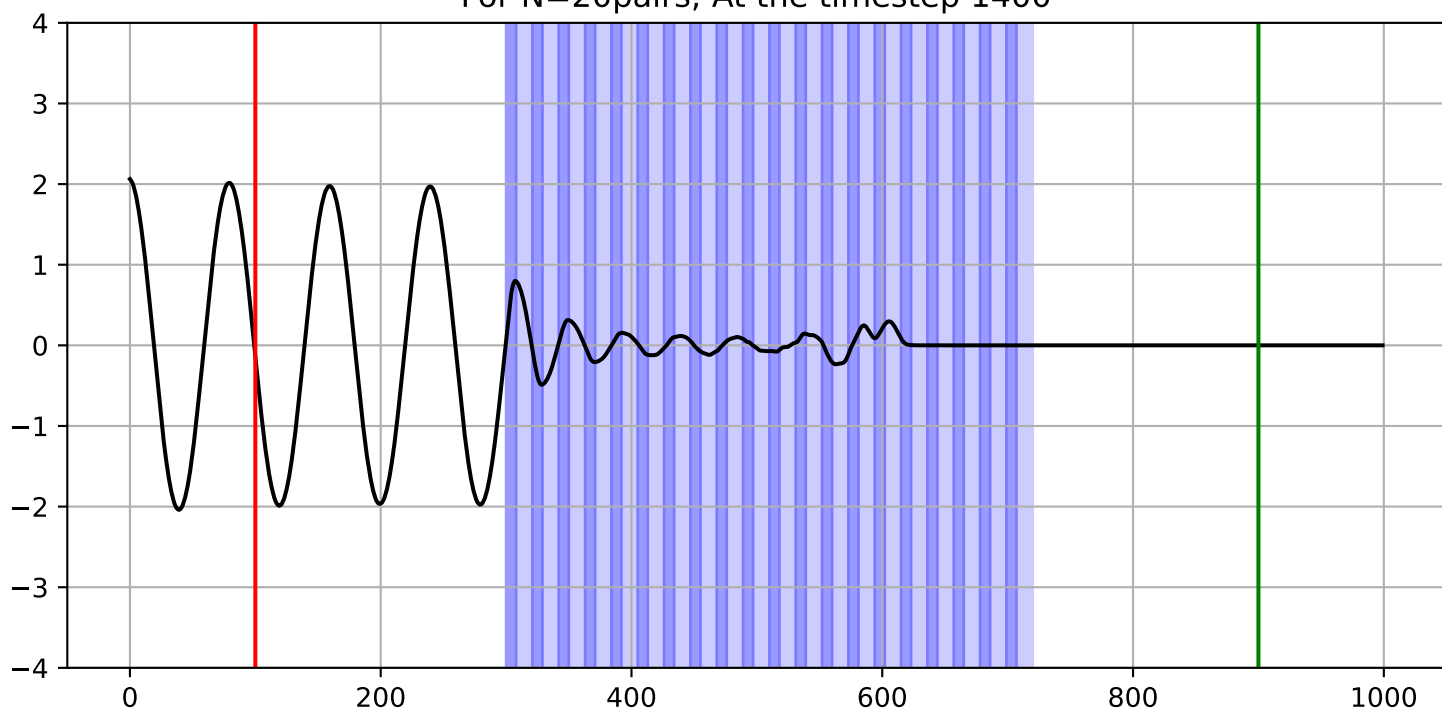
E[100]; At timestep 1350



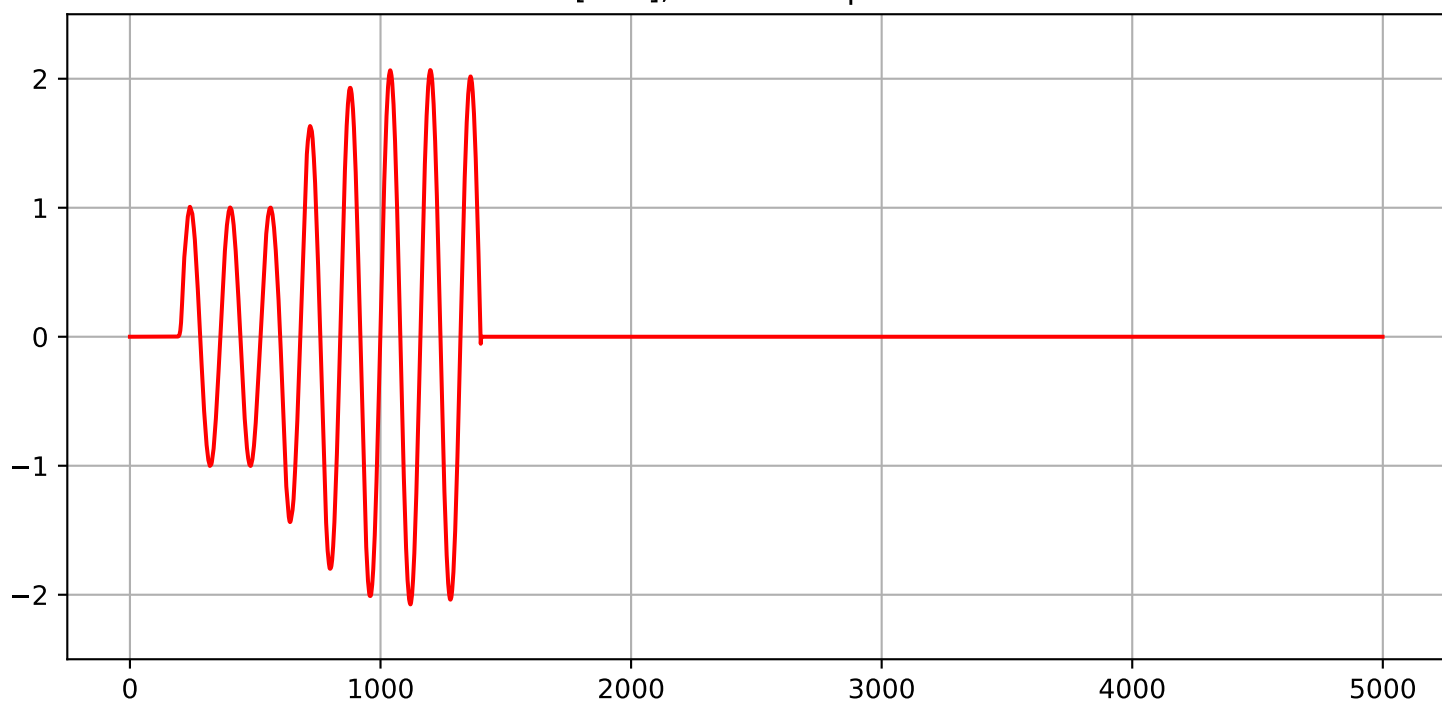
E[trans_probe]; At timestep 1350



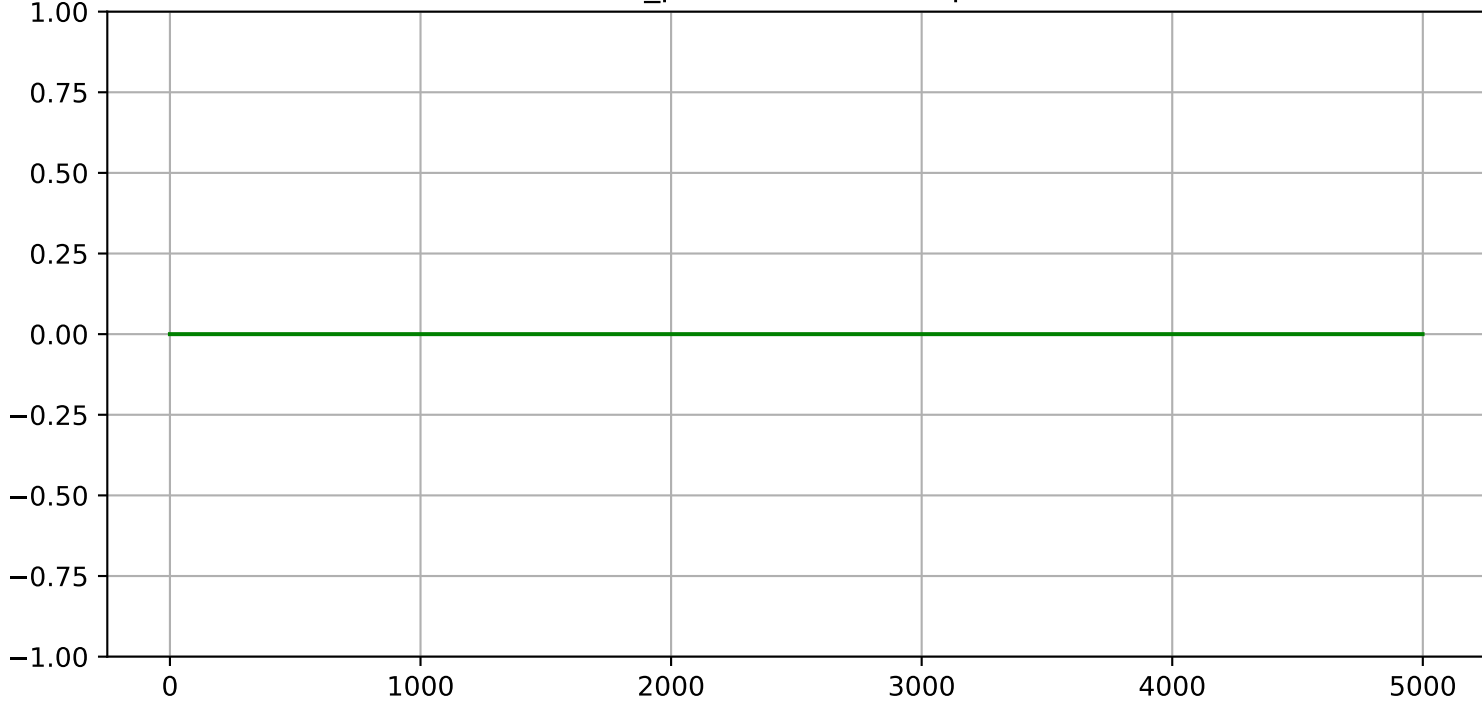
For N=20pairs; At the timestep 1400



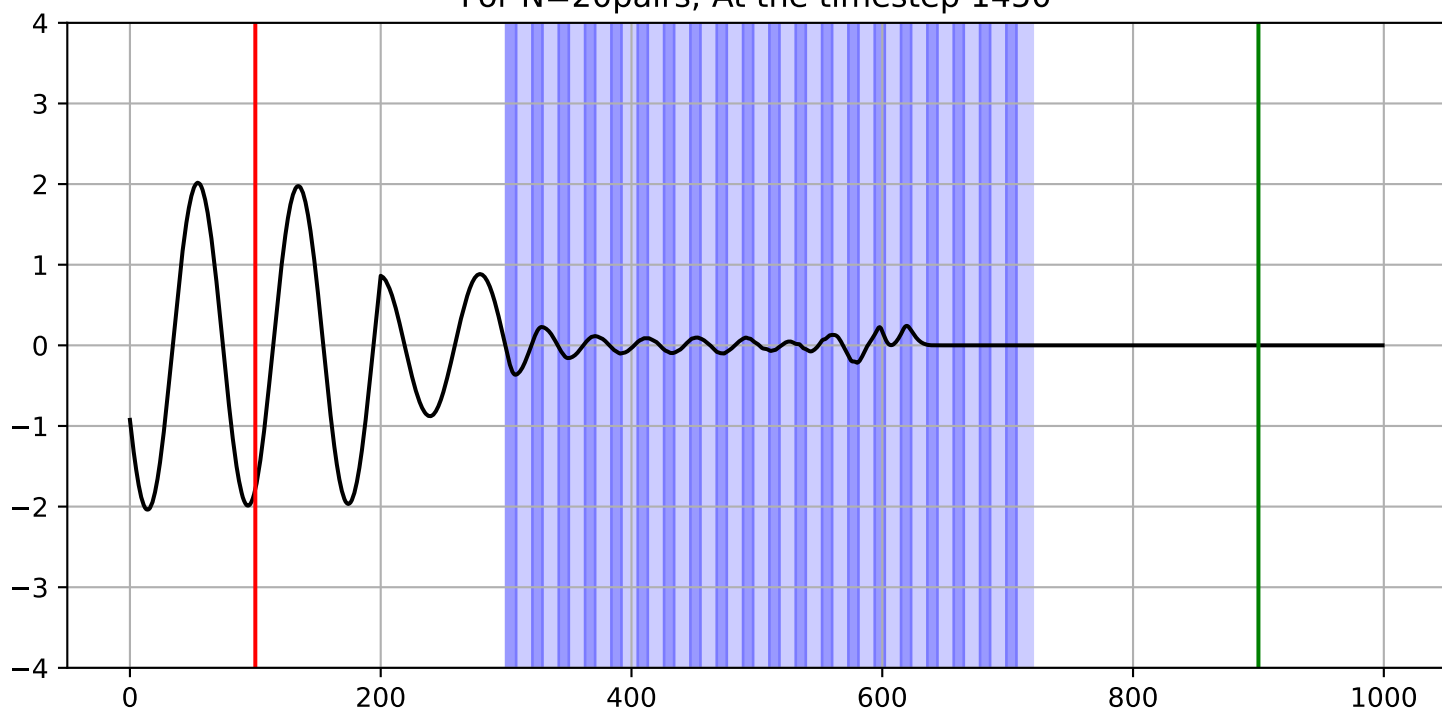
E[100]; At timestep 1400



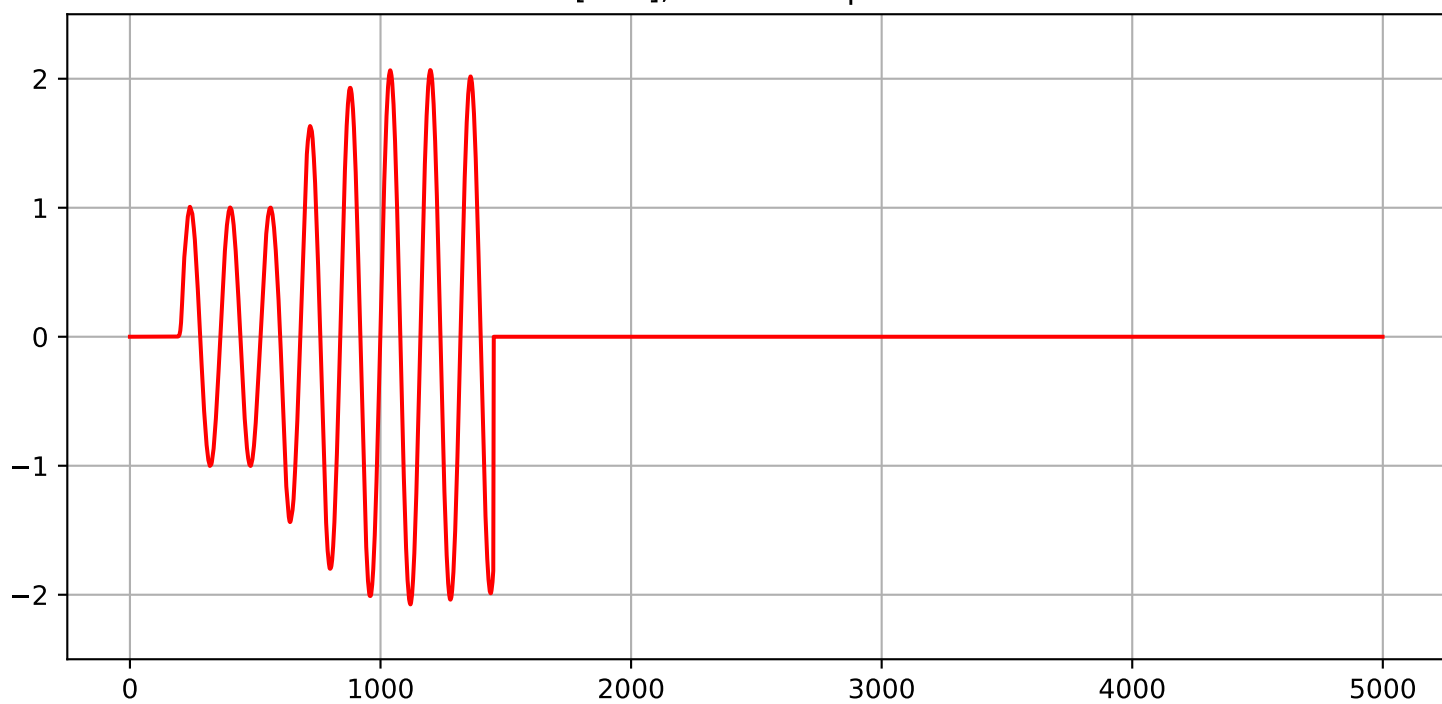
E[trans_probe]; At timestep 1400



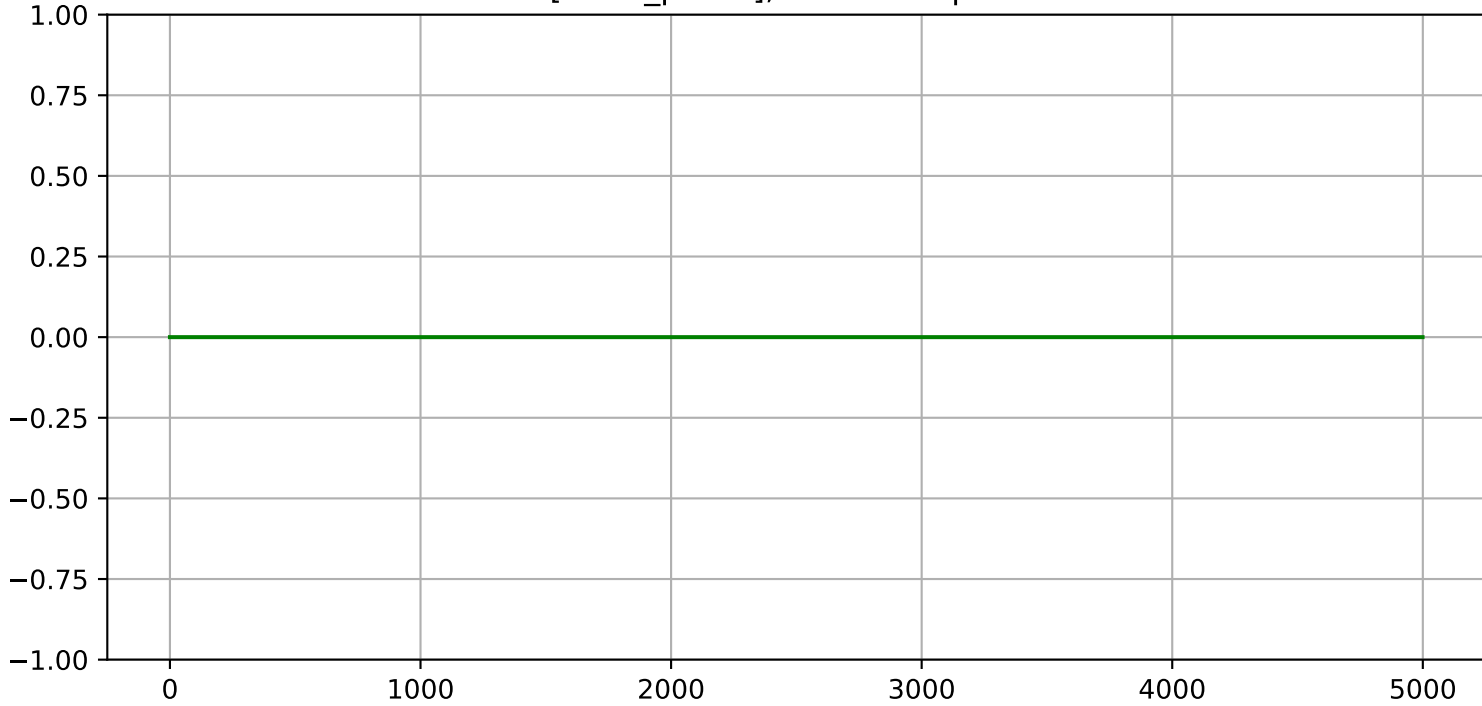
For N=20pairs; At the timestep 1450



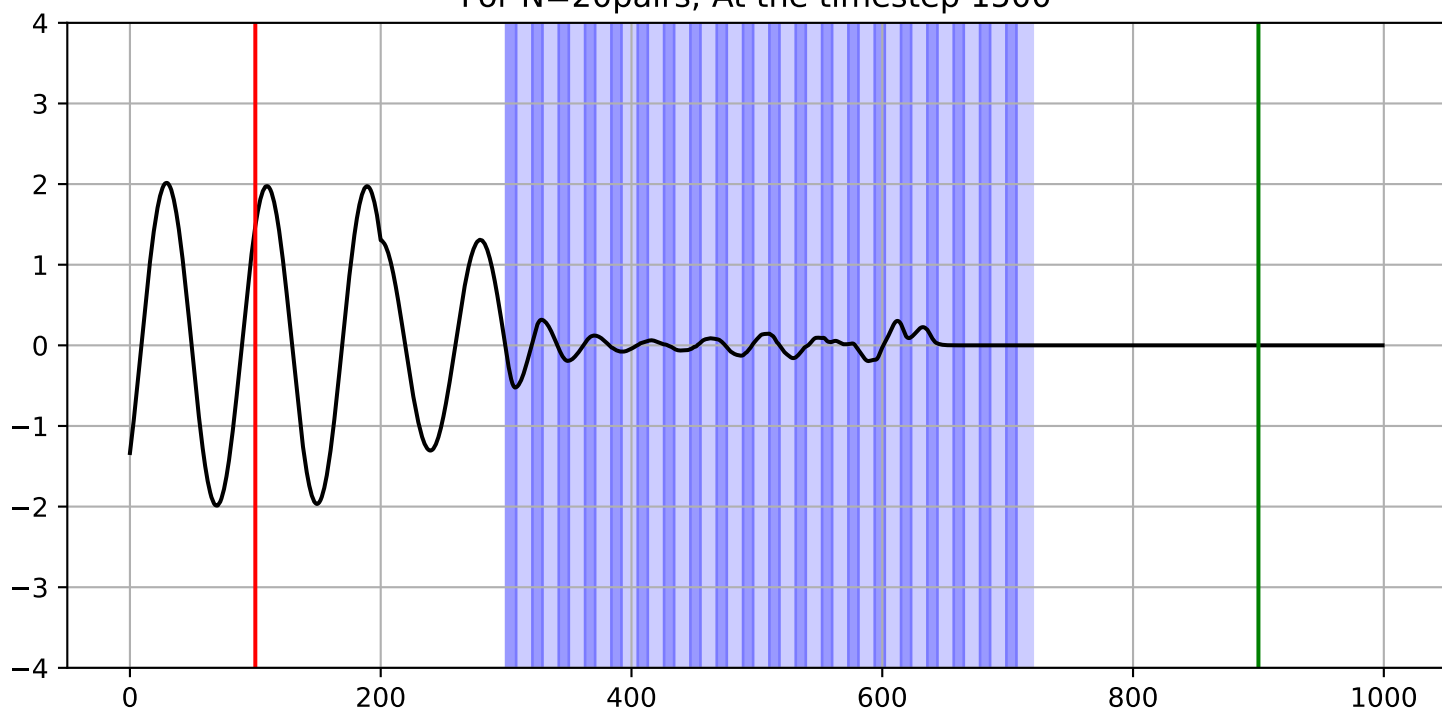
E[100]; At timestep 1450



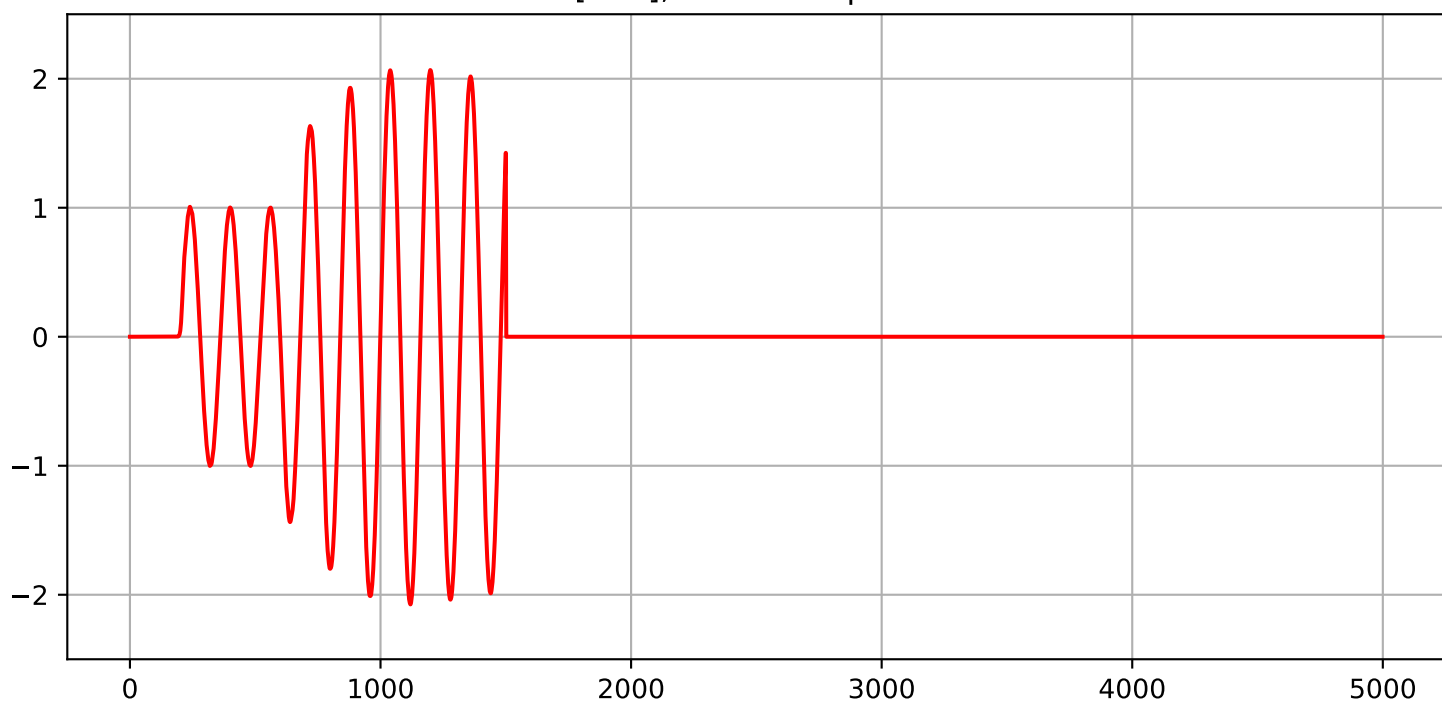
E[trans_probe]; At timestep 1450



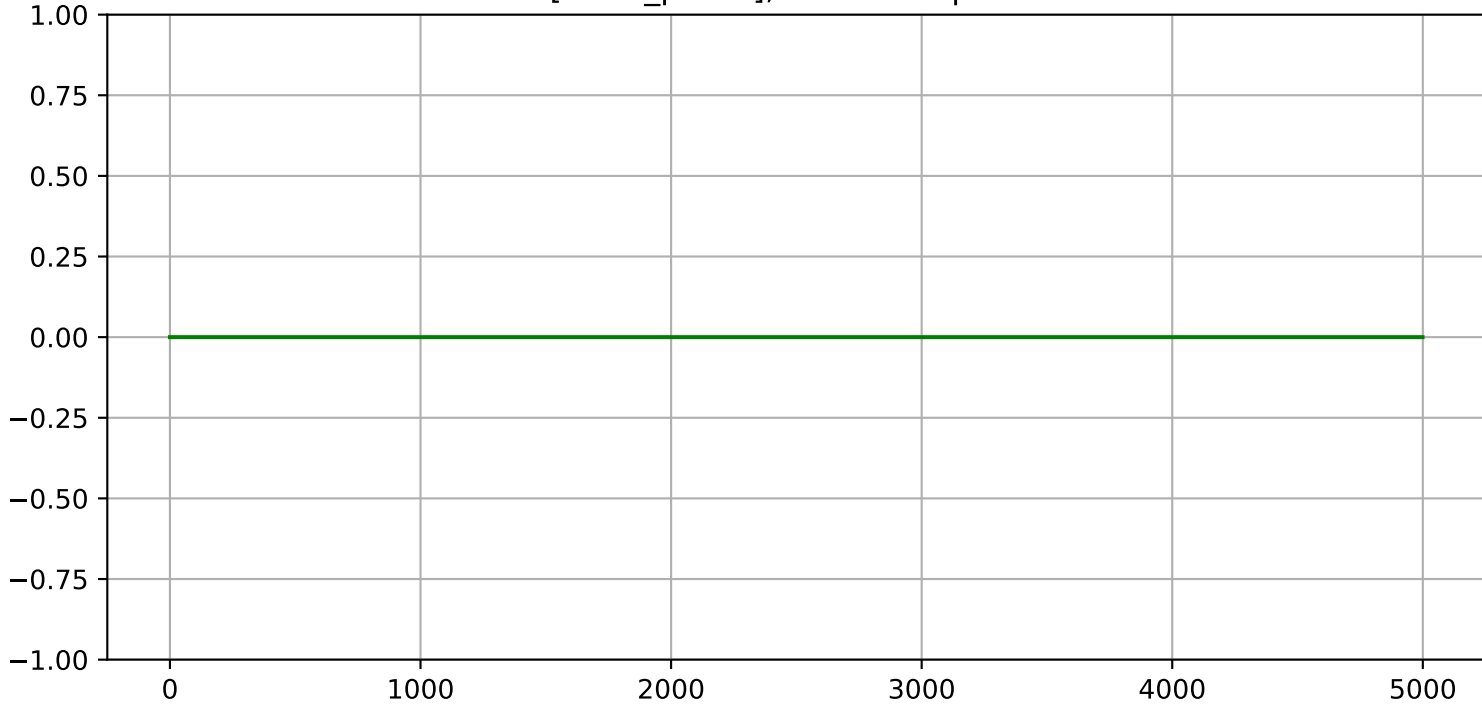
For N=20pairs; At the timestep 1500



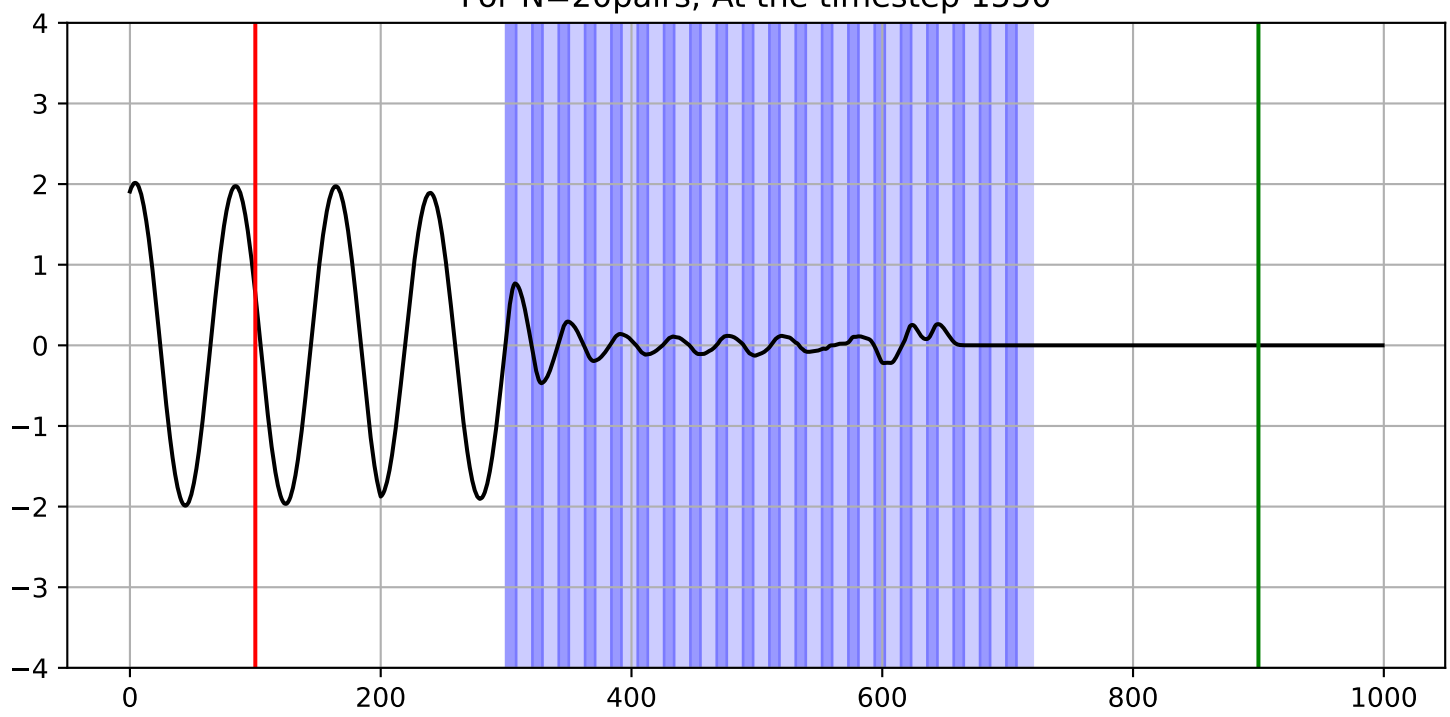
E[100]; At timestep 1500



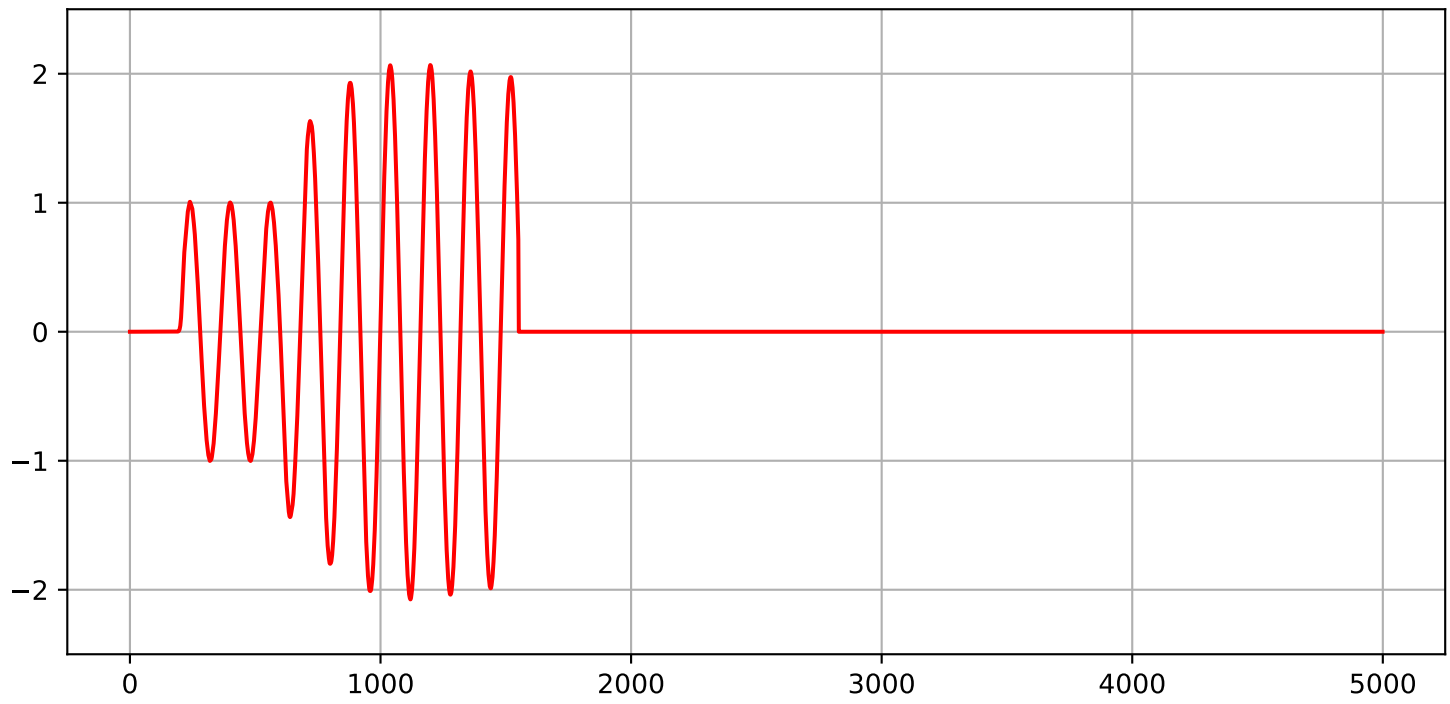
E[trans_probe]; At timestep 1500



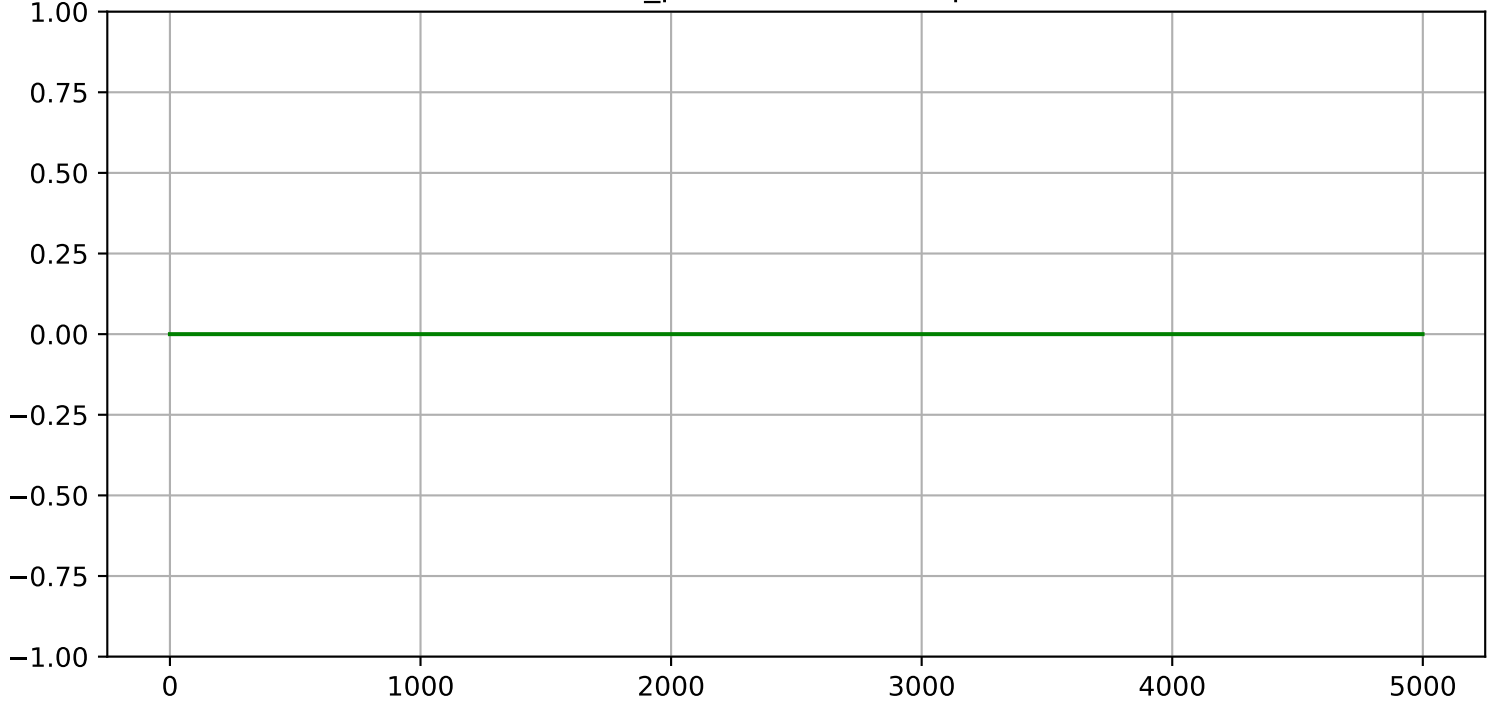
For N=20pairs; At the timestep 1550



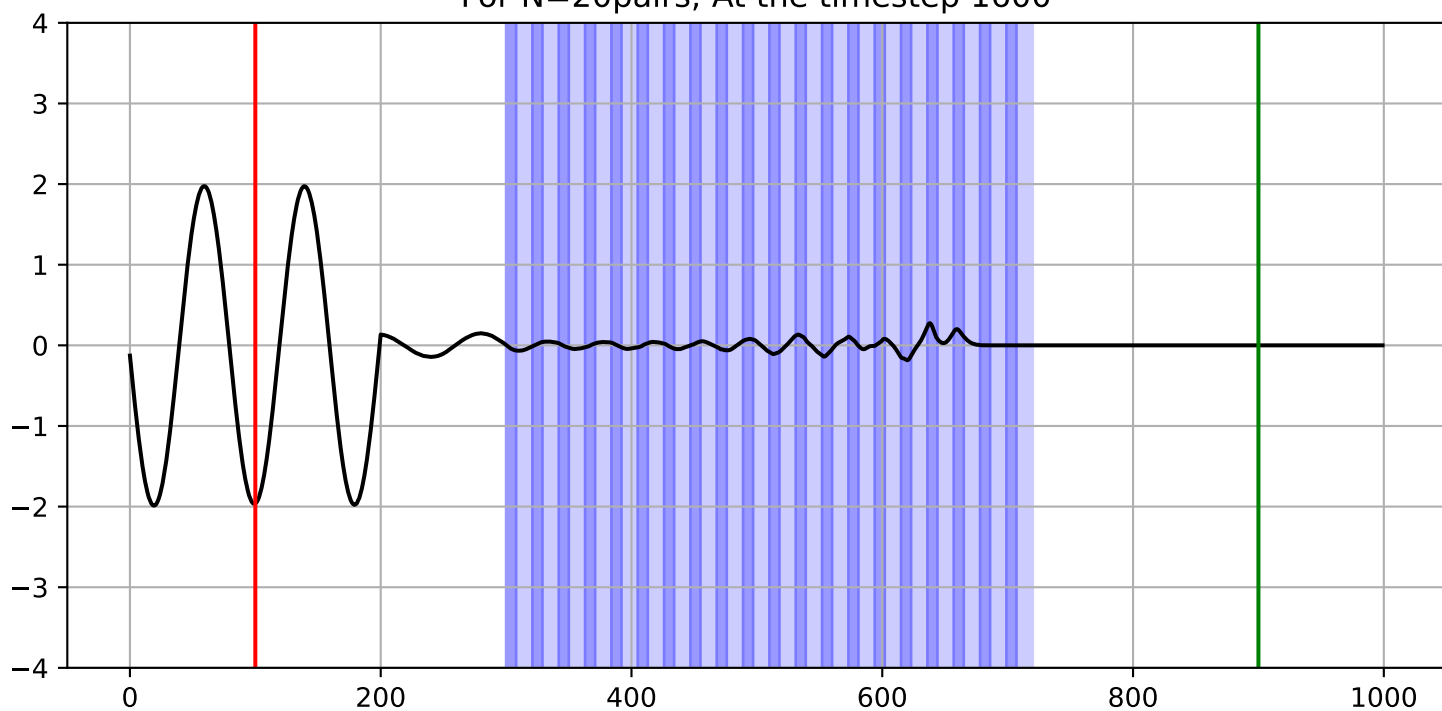
E[100]; At timestep 1550



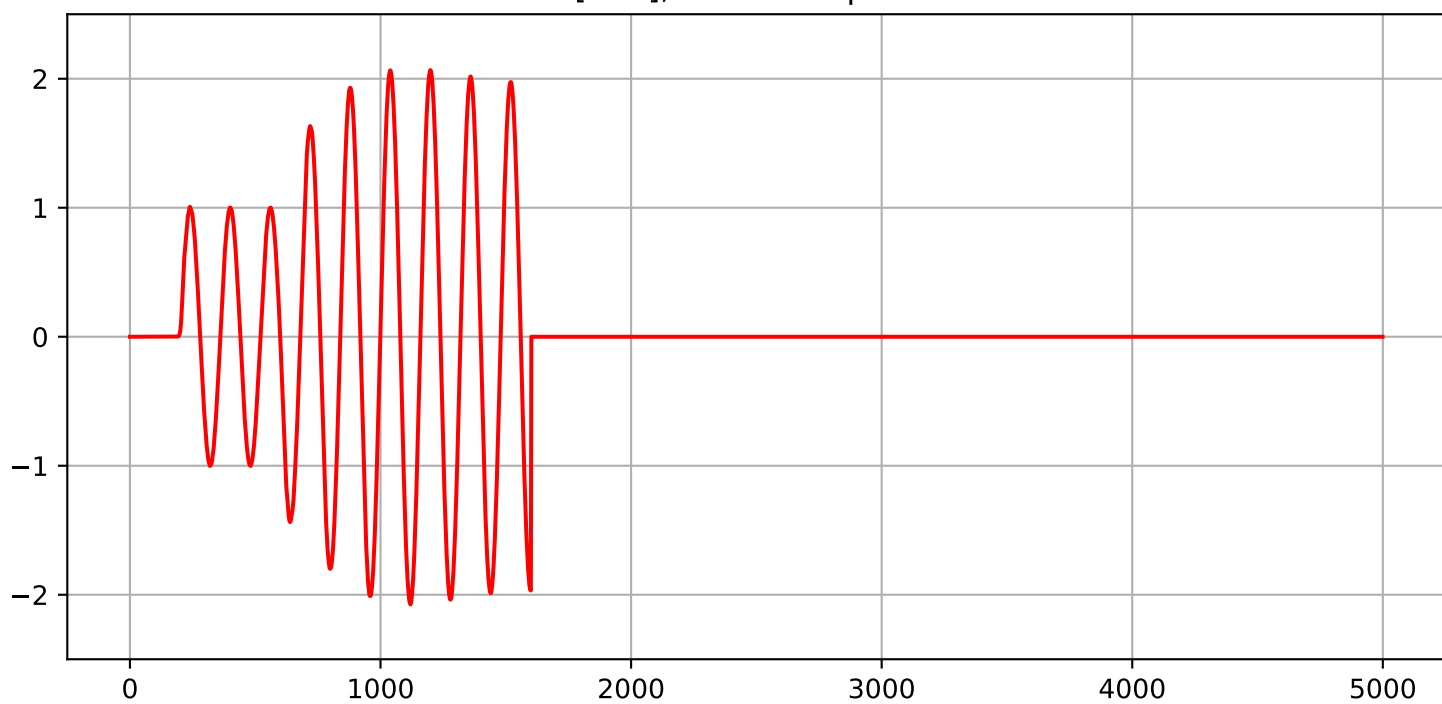
E[trans_probe]; At timestep 1550



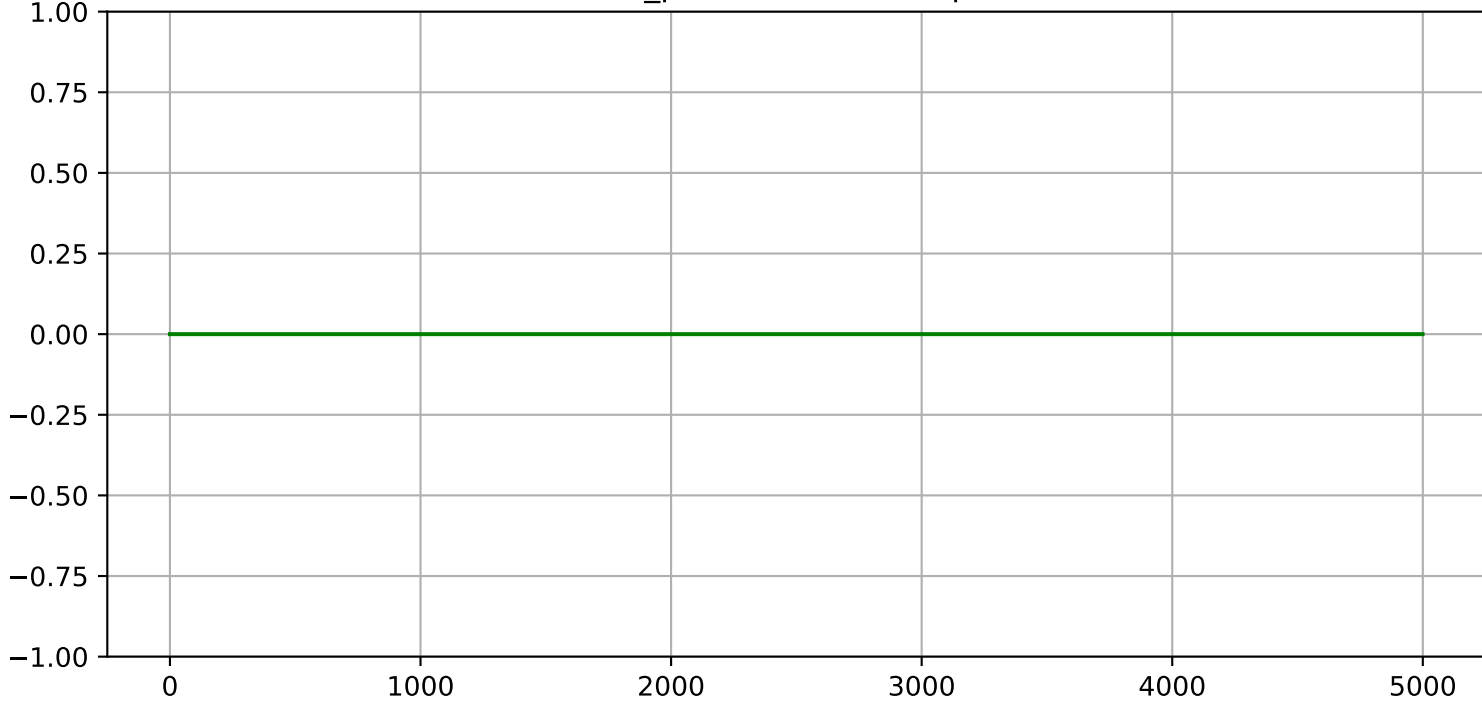
For N=20pairs; At the timestep 1600



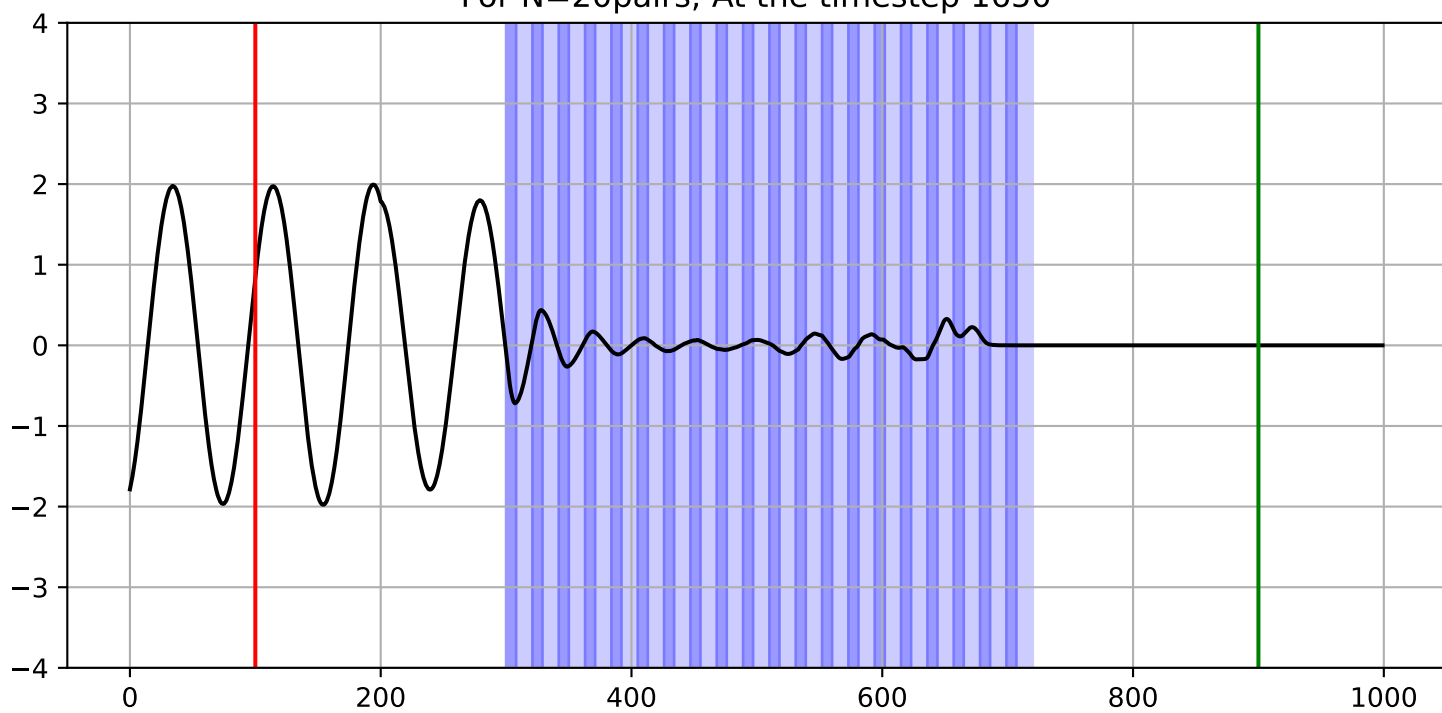
E[100]; At timestep 1600



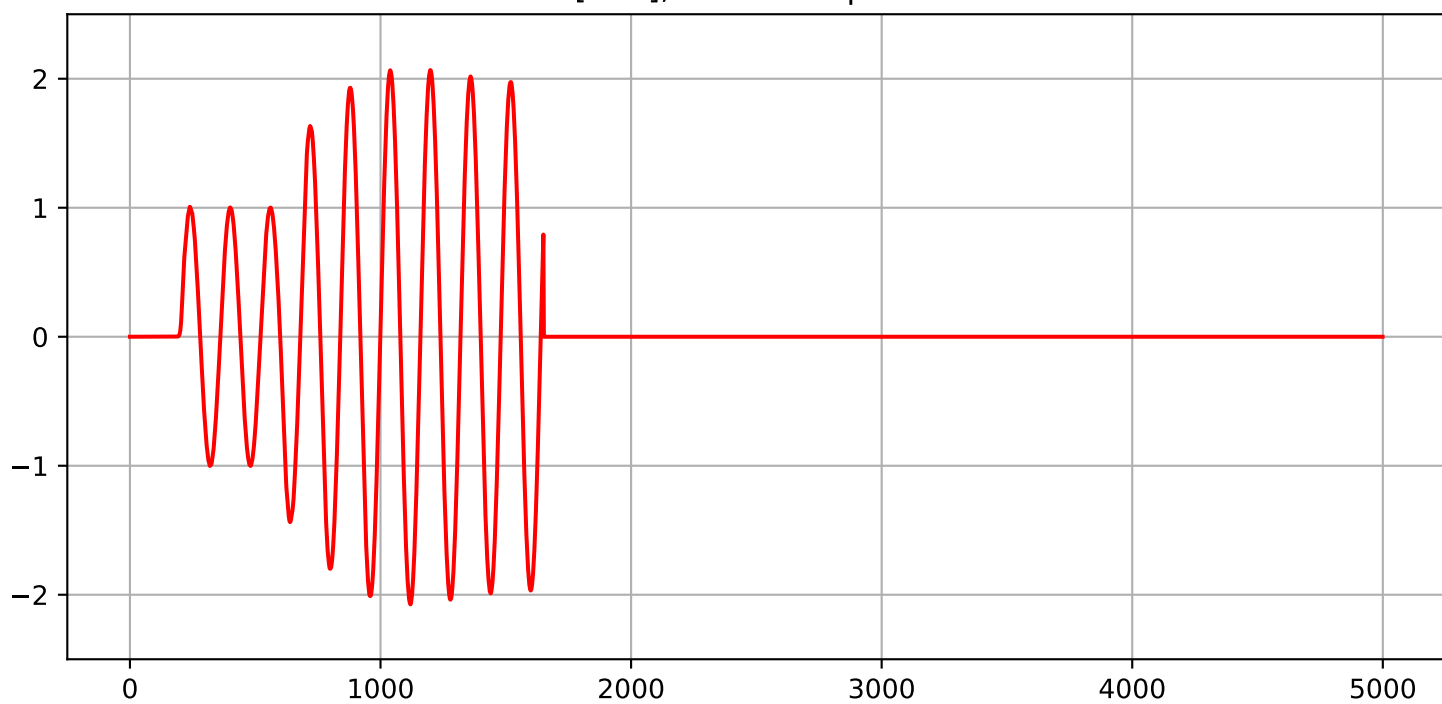
E[trans_probe]; At timestep 1600



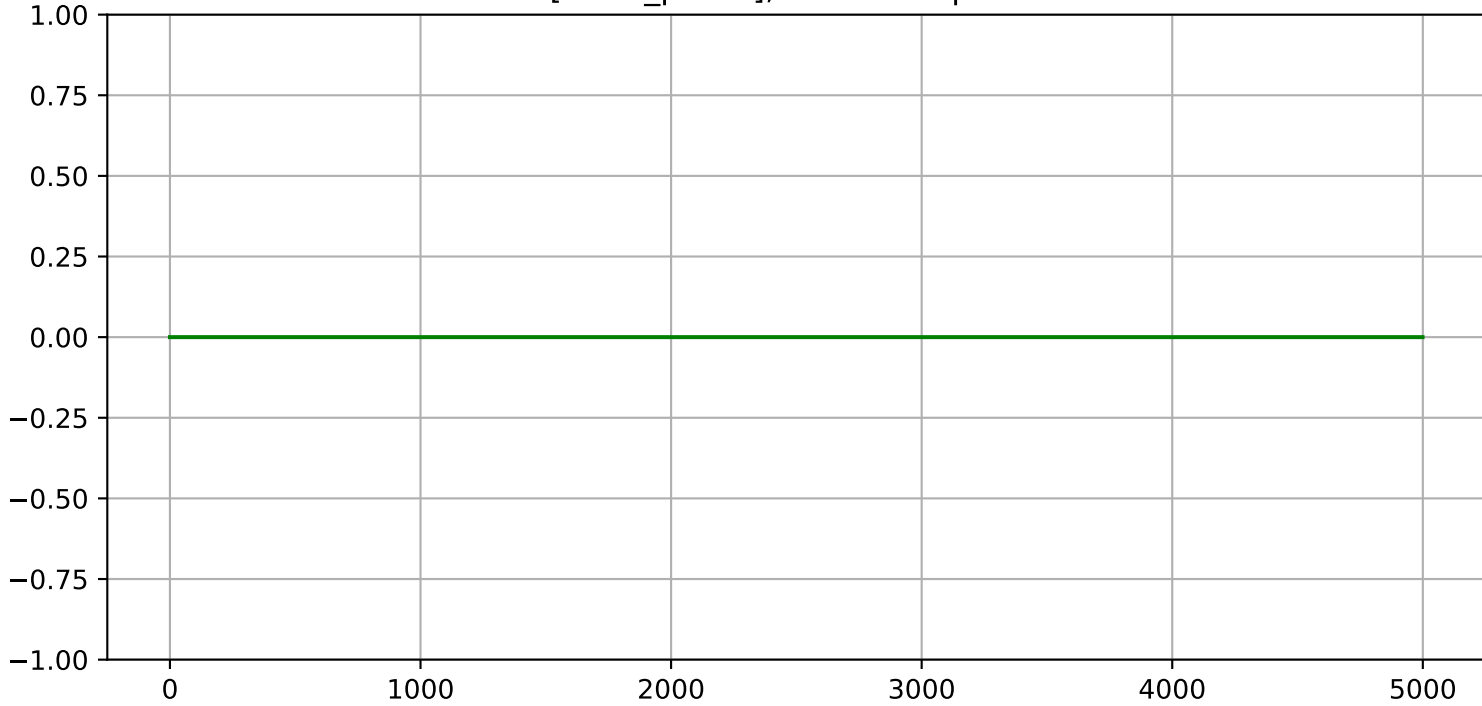
For N=20pairs; At the timestep 1650



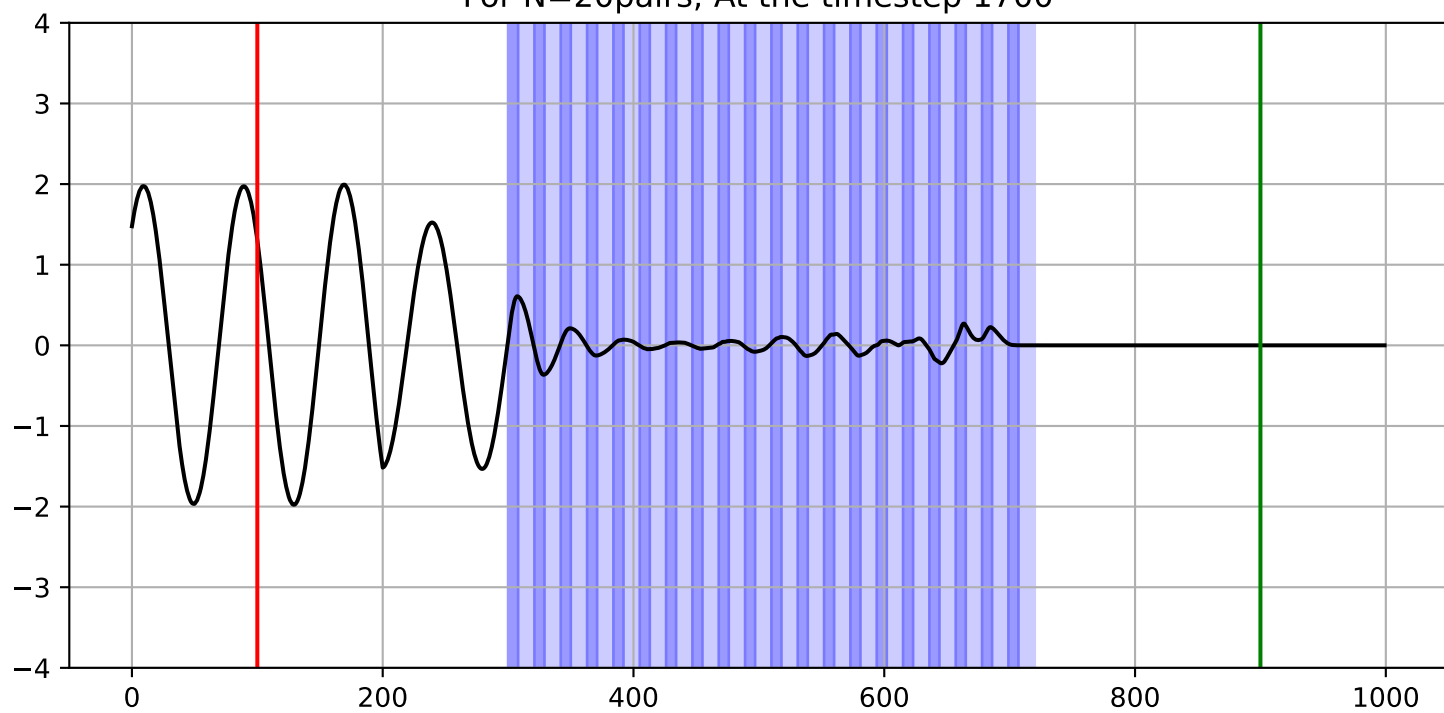
E[100]; At timestep 1650



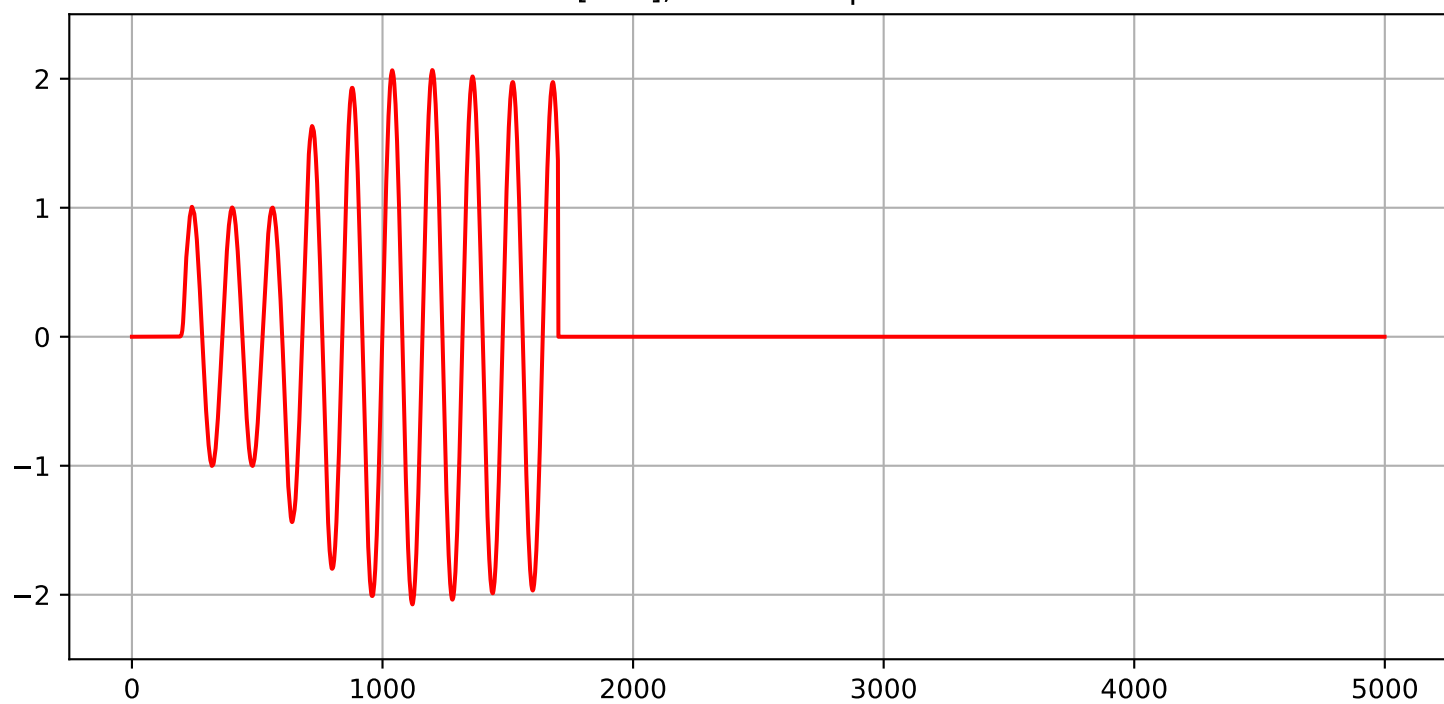
E[trans_probe]; At timestep 1650



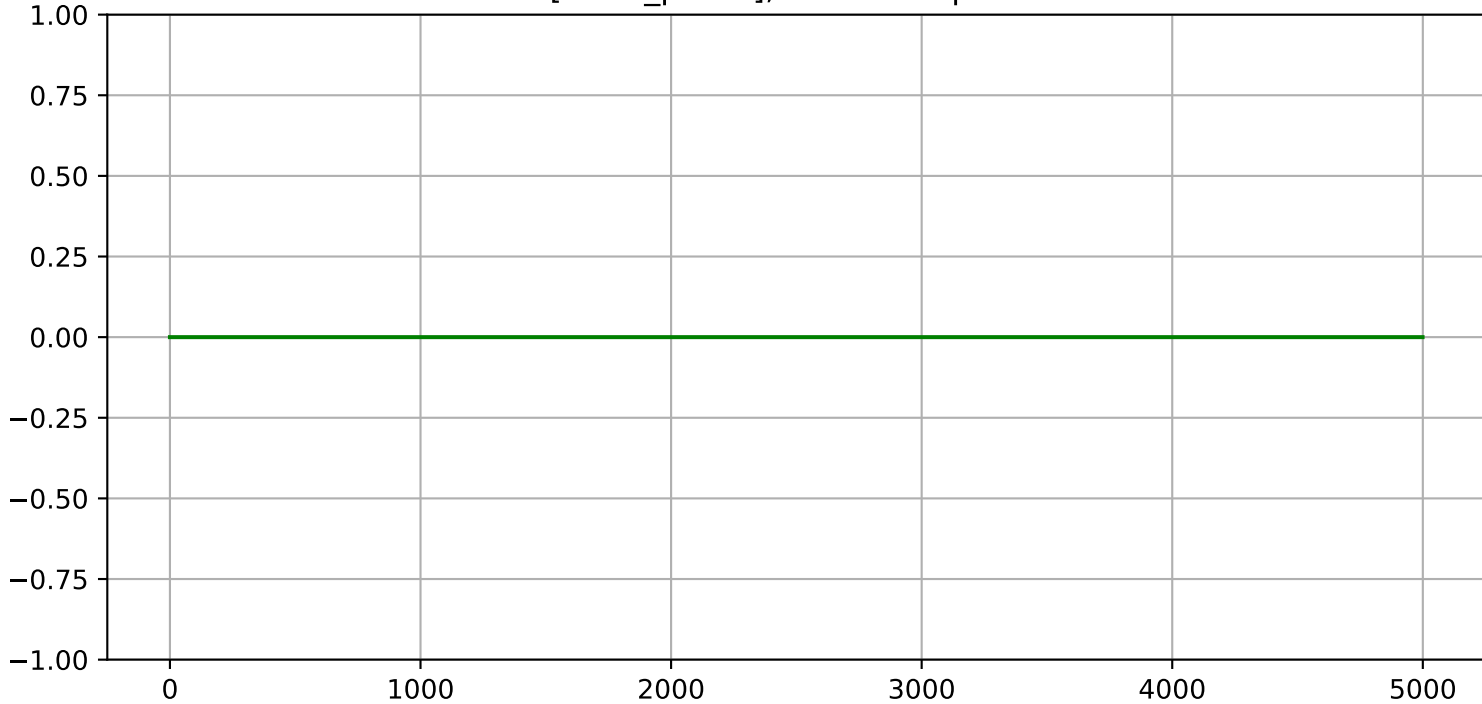
For N=20pairs; At the timestep 1700



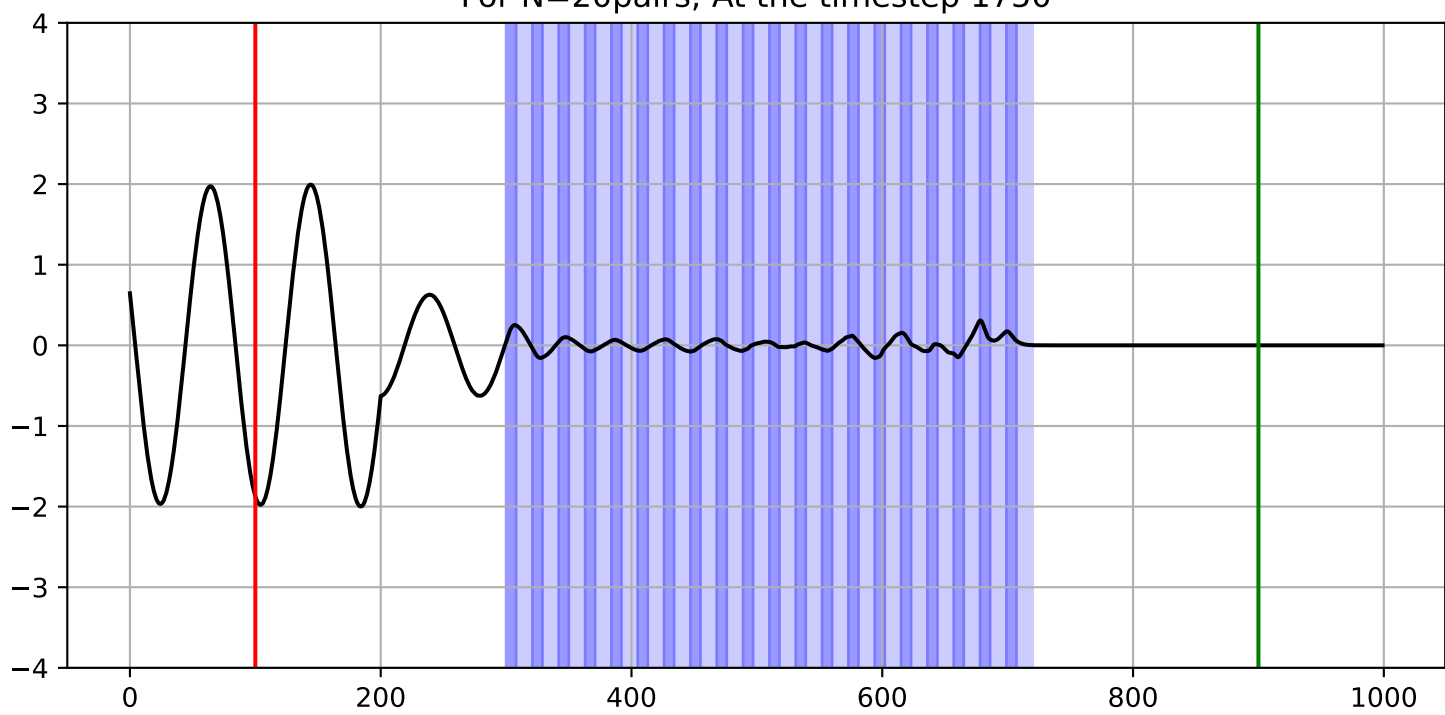
E[100]; At timestep 1700



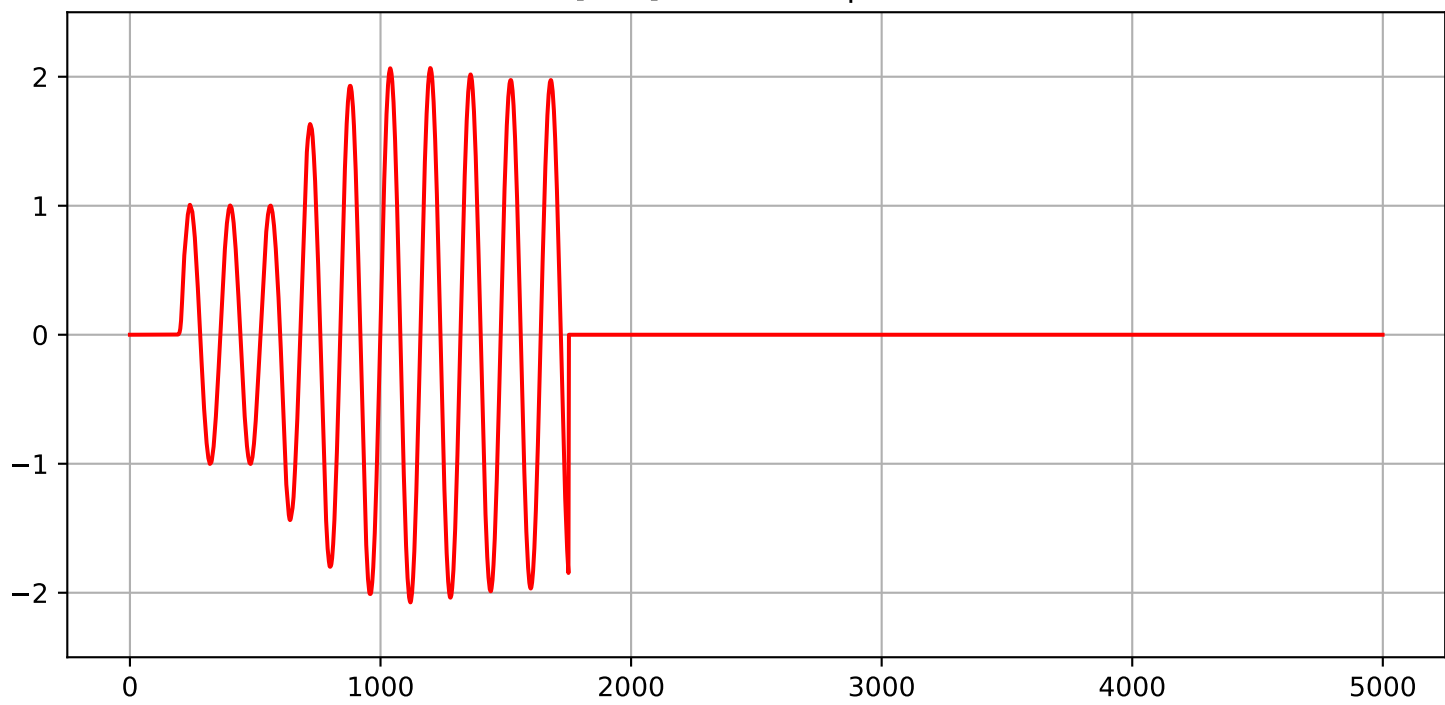
E[trans_probe]; At timestep 1700



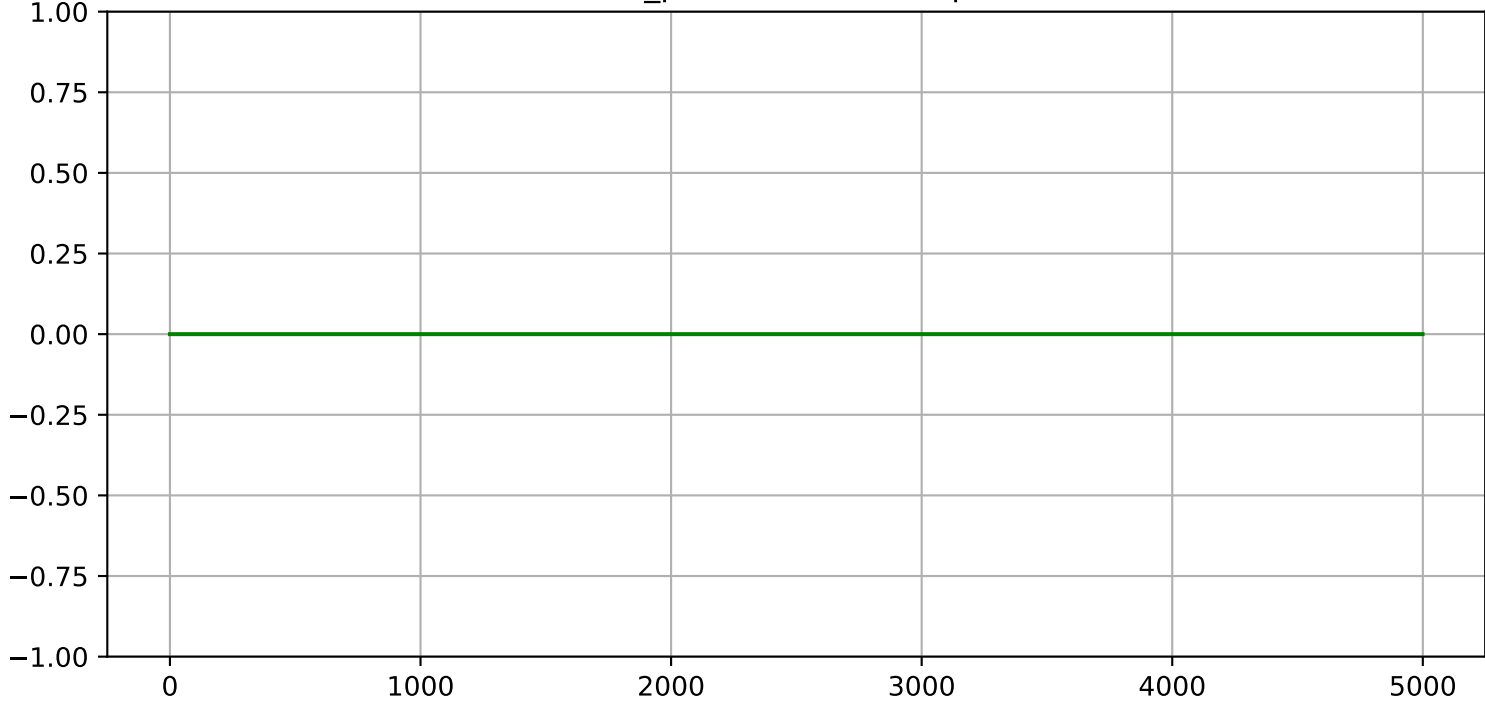
For N=20pairs; At the timestep 1750



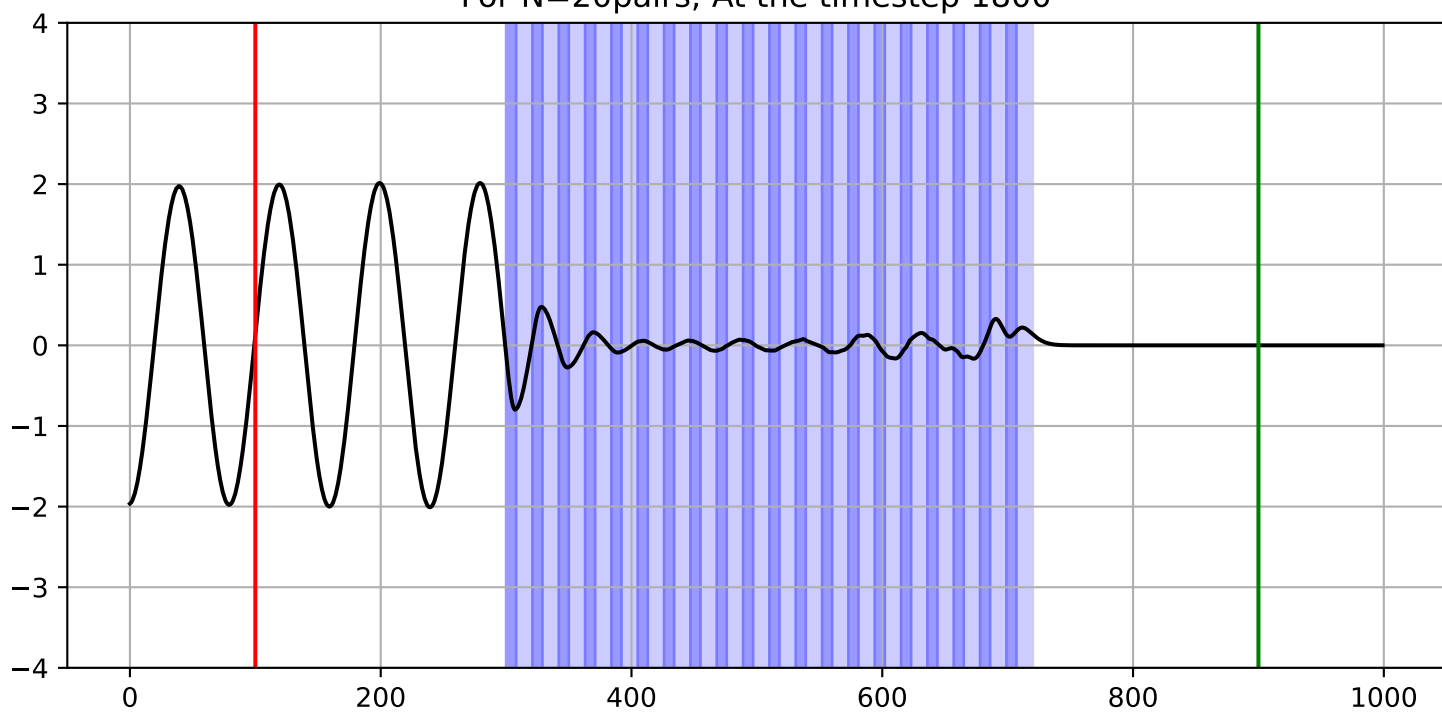
E[100]; At timestep 1750



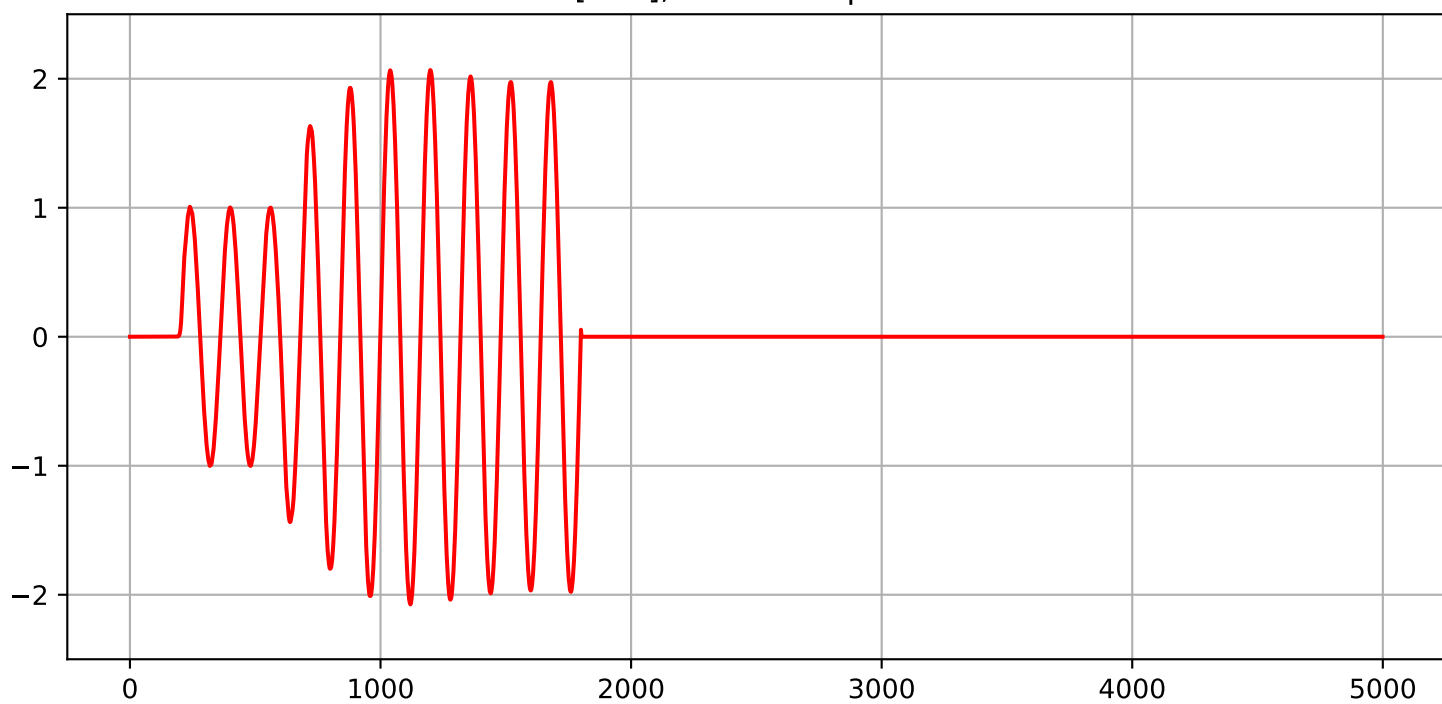
E[trans_probe]; At timestep 1750



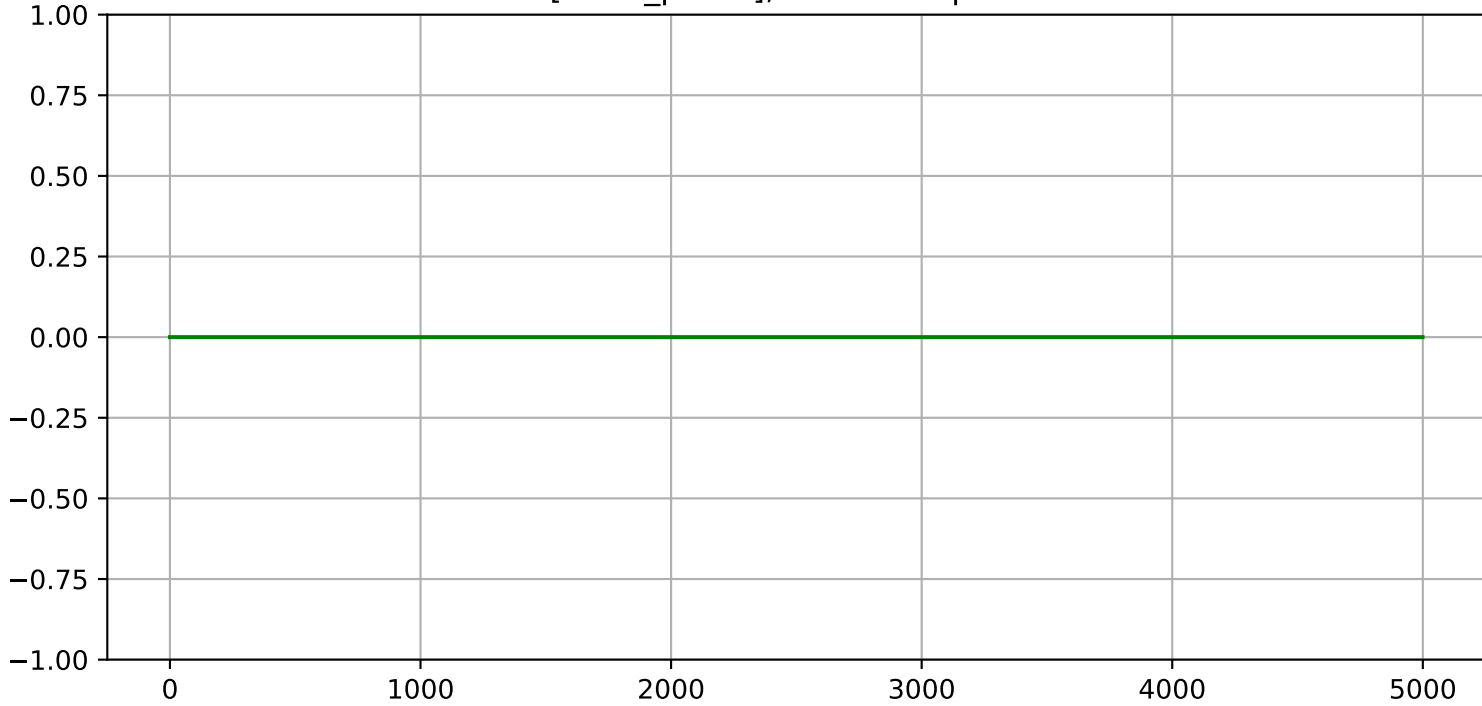
For N=20pairs; At the timestep 1800



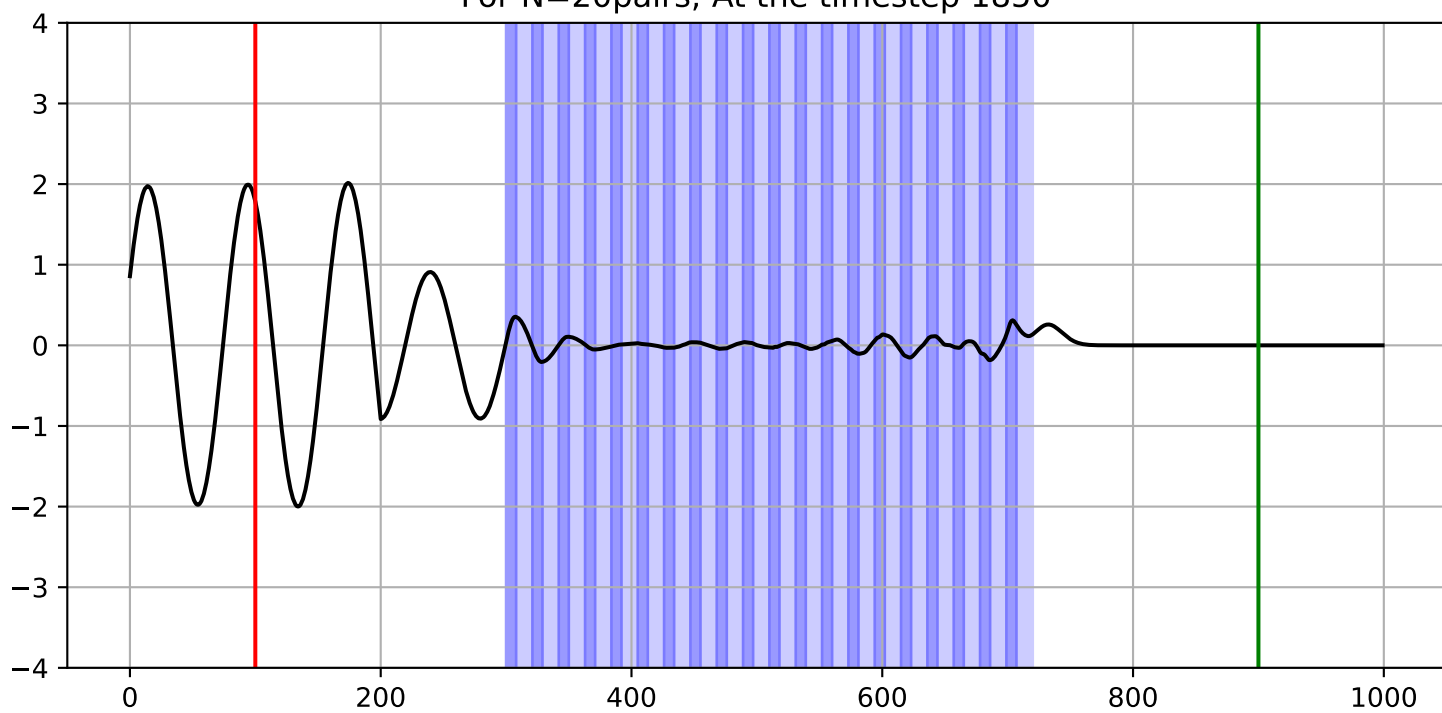
E[100]; At timestep 1800



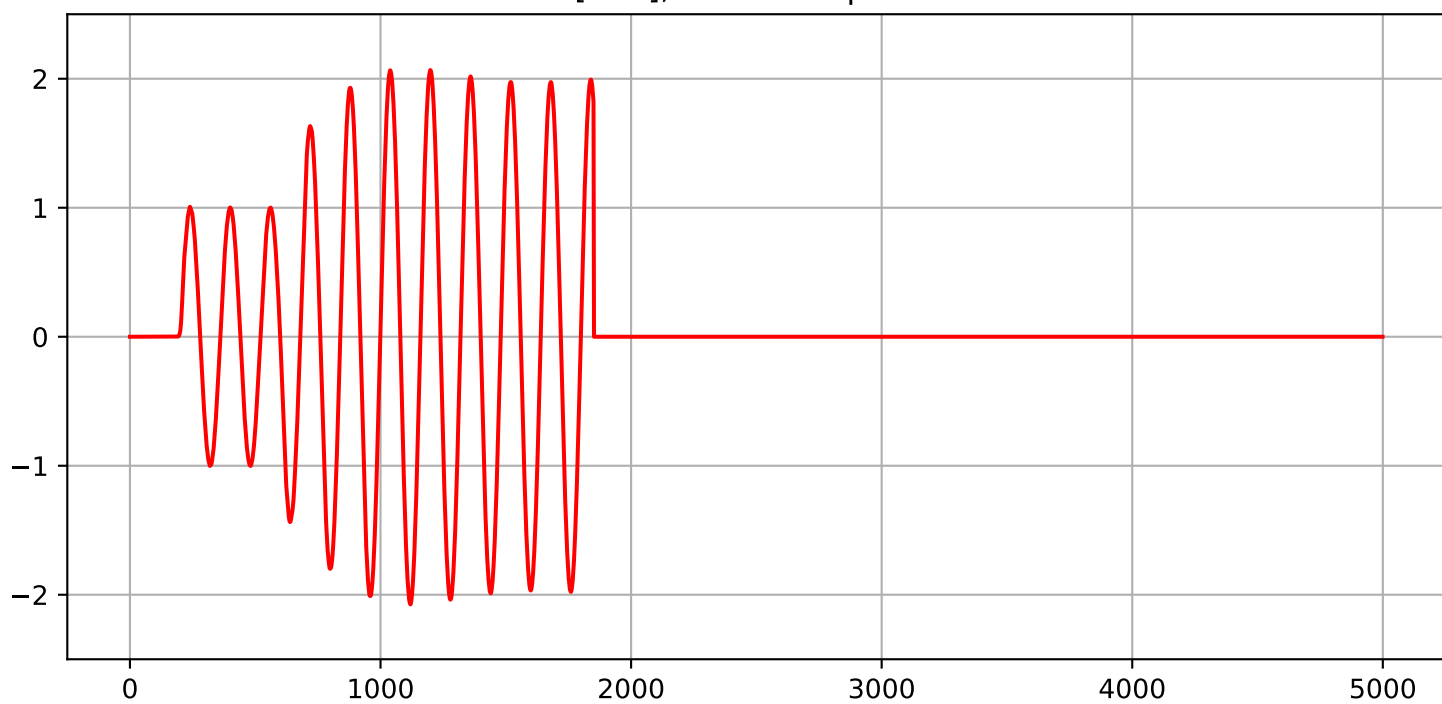
E[trans_probe]; At timestep 1800



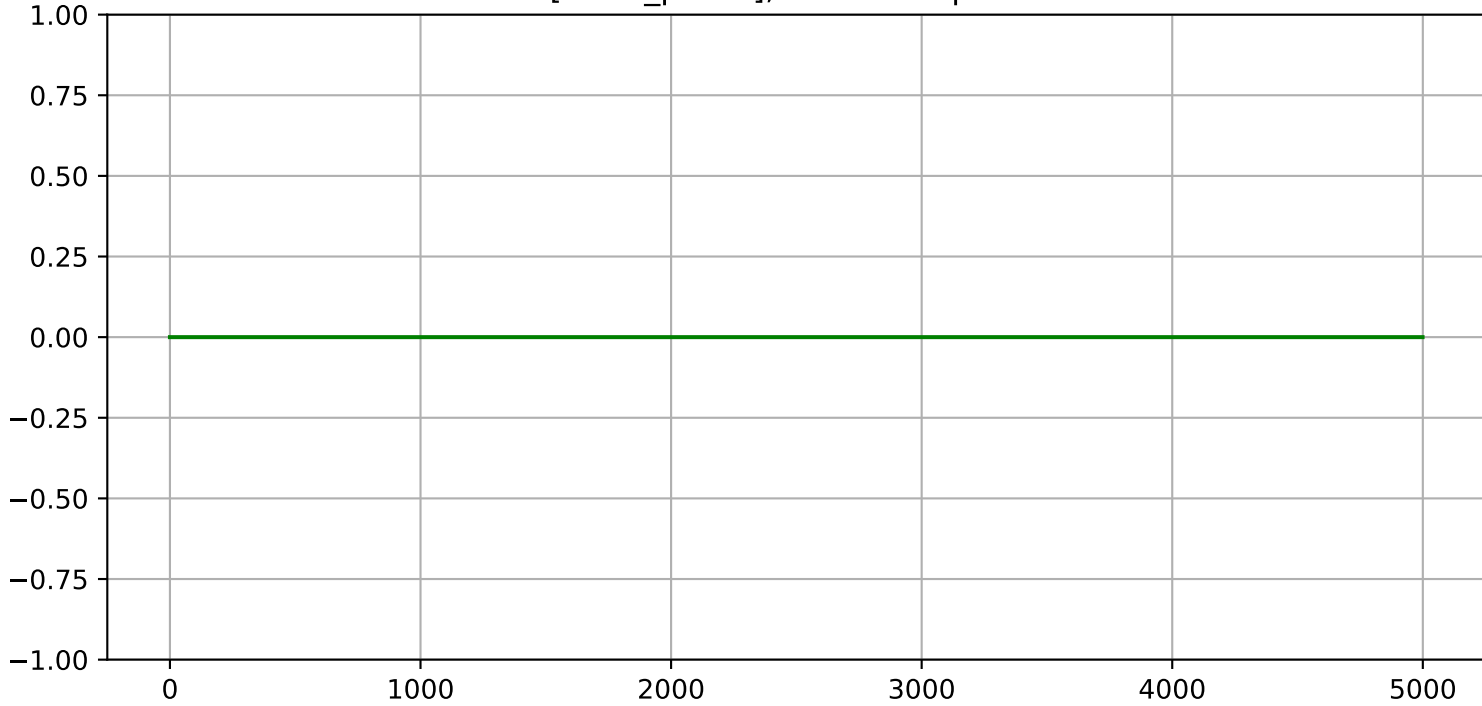
For N=20pairs; At the timestep 1850



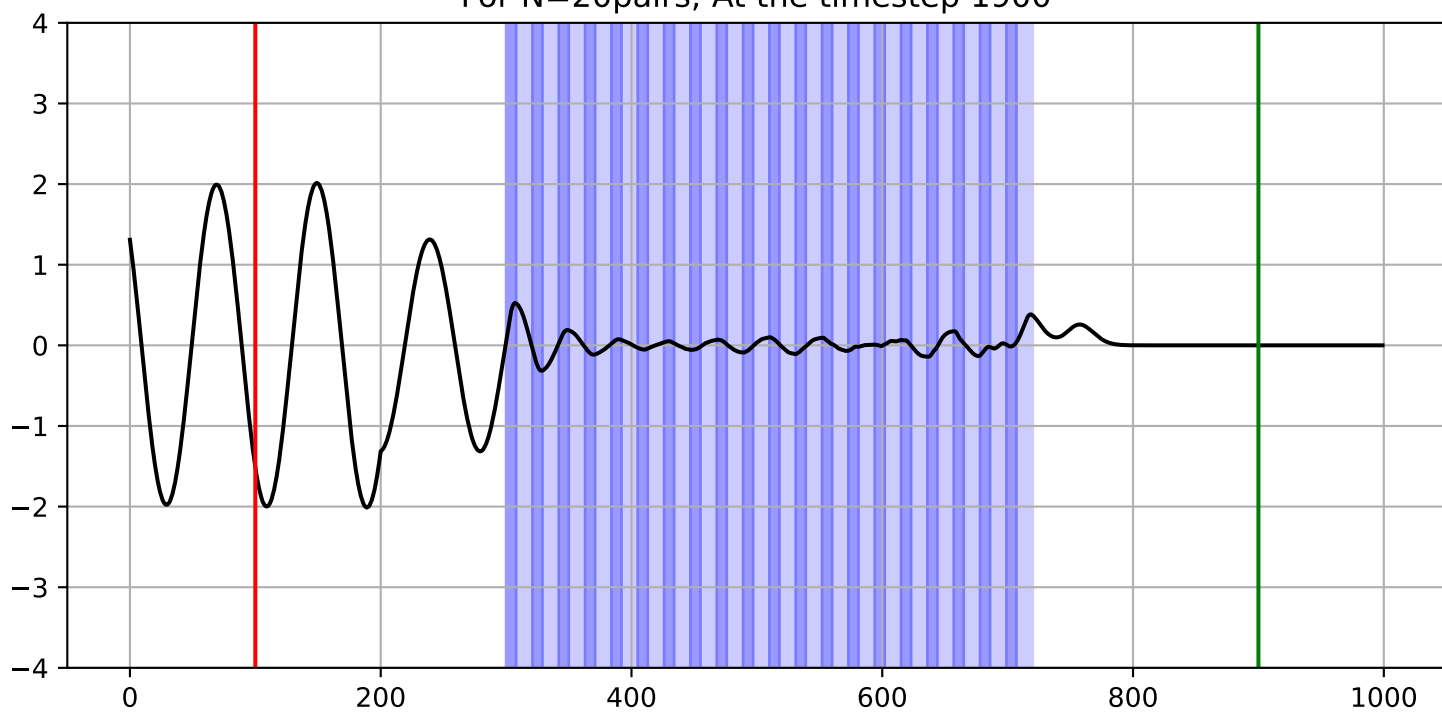
E[100]; At timestep 1850



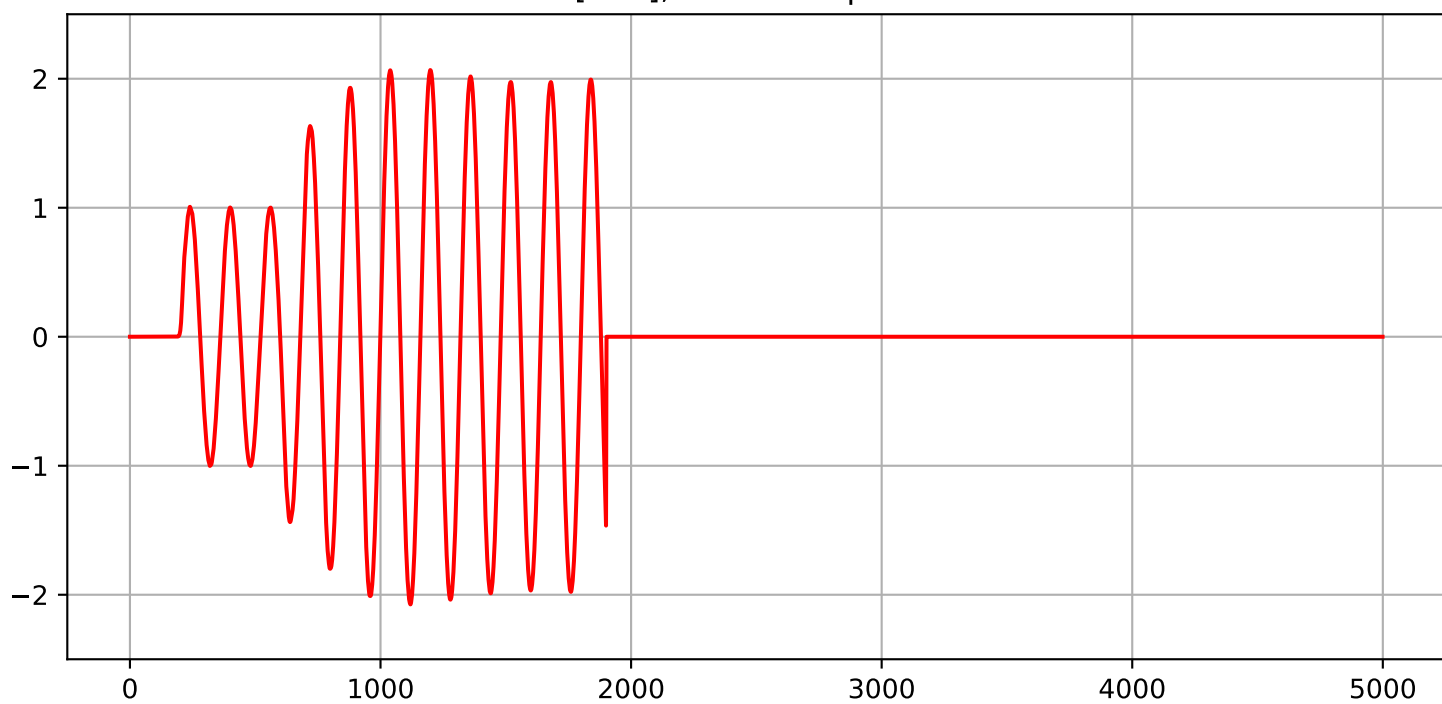
E[trans_probe]; At timestep 1850



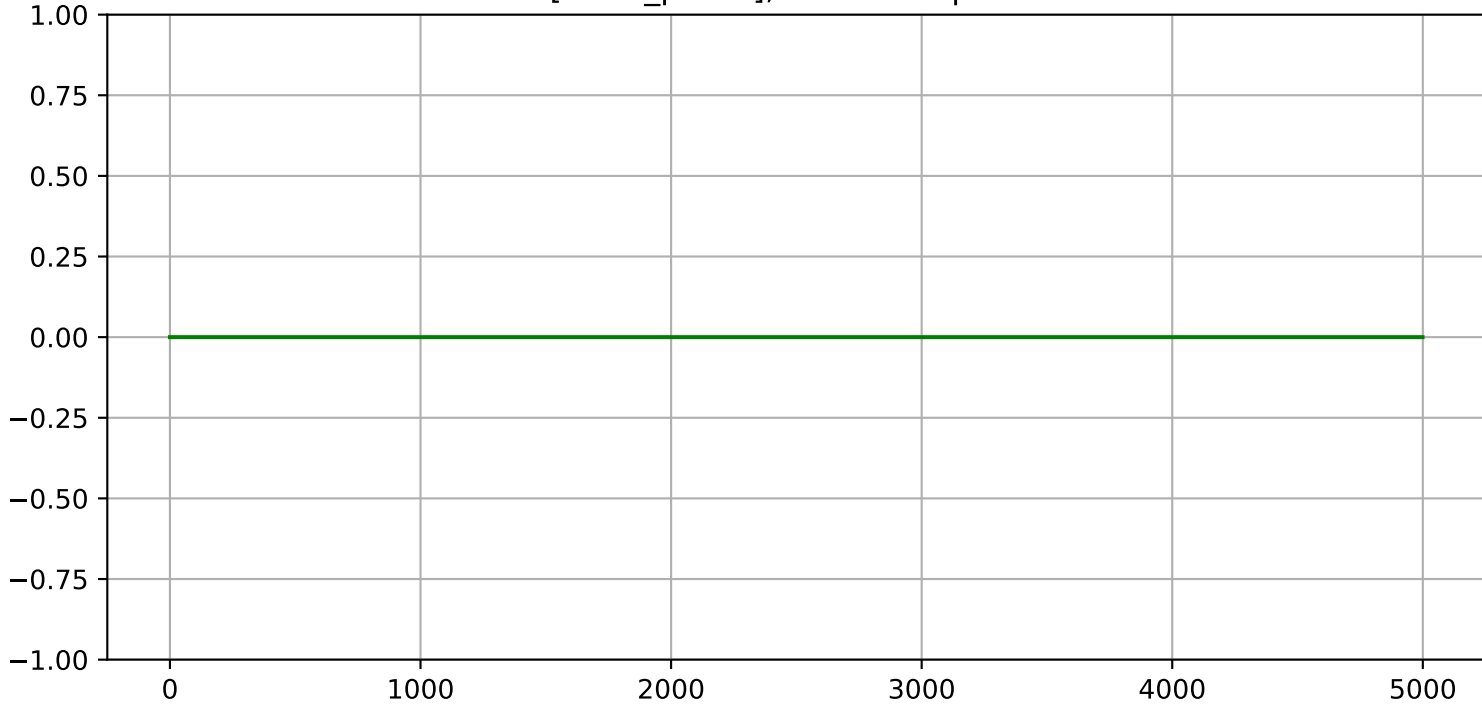
For N=20pairs; At the timestep 1900



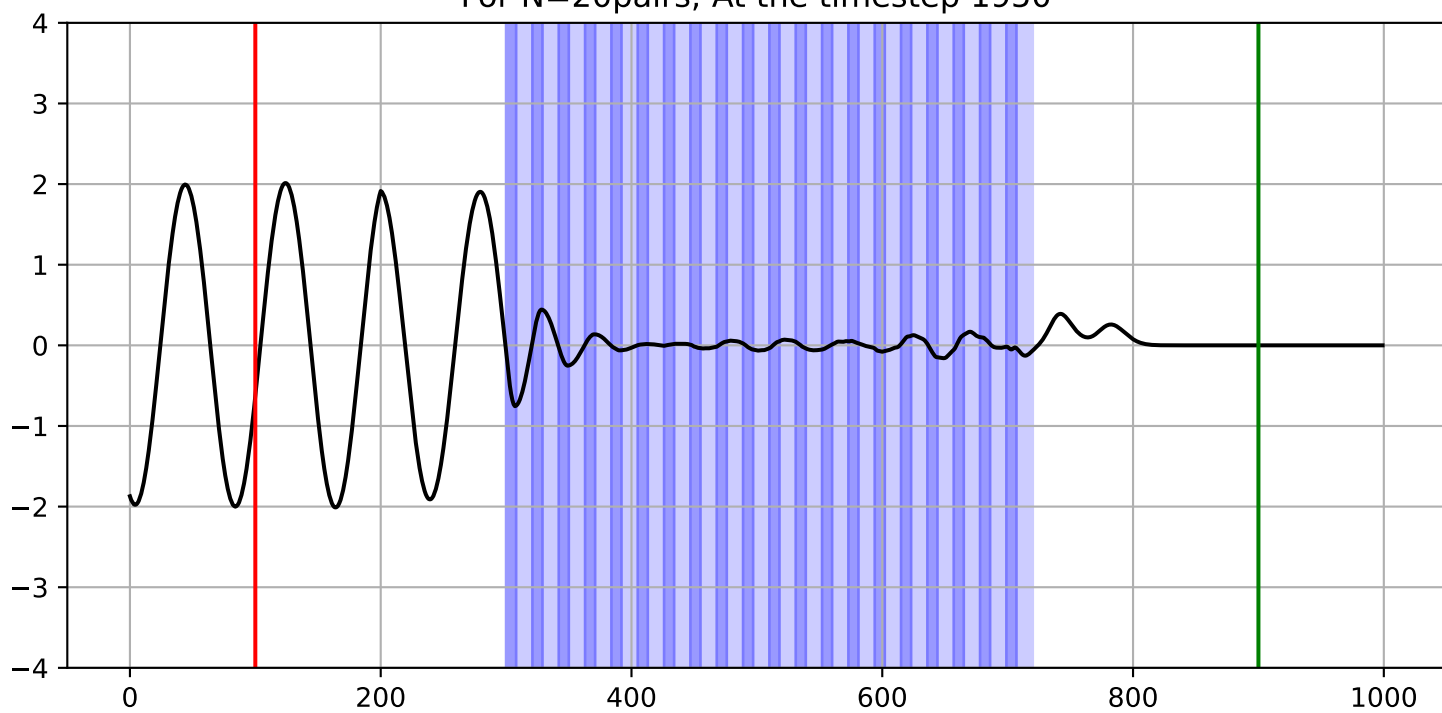
E[100]; At timestep 1900



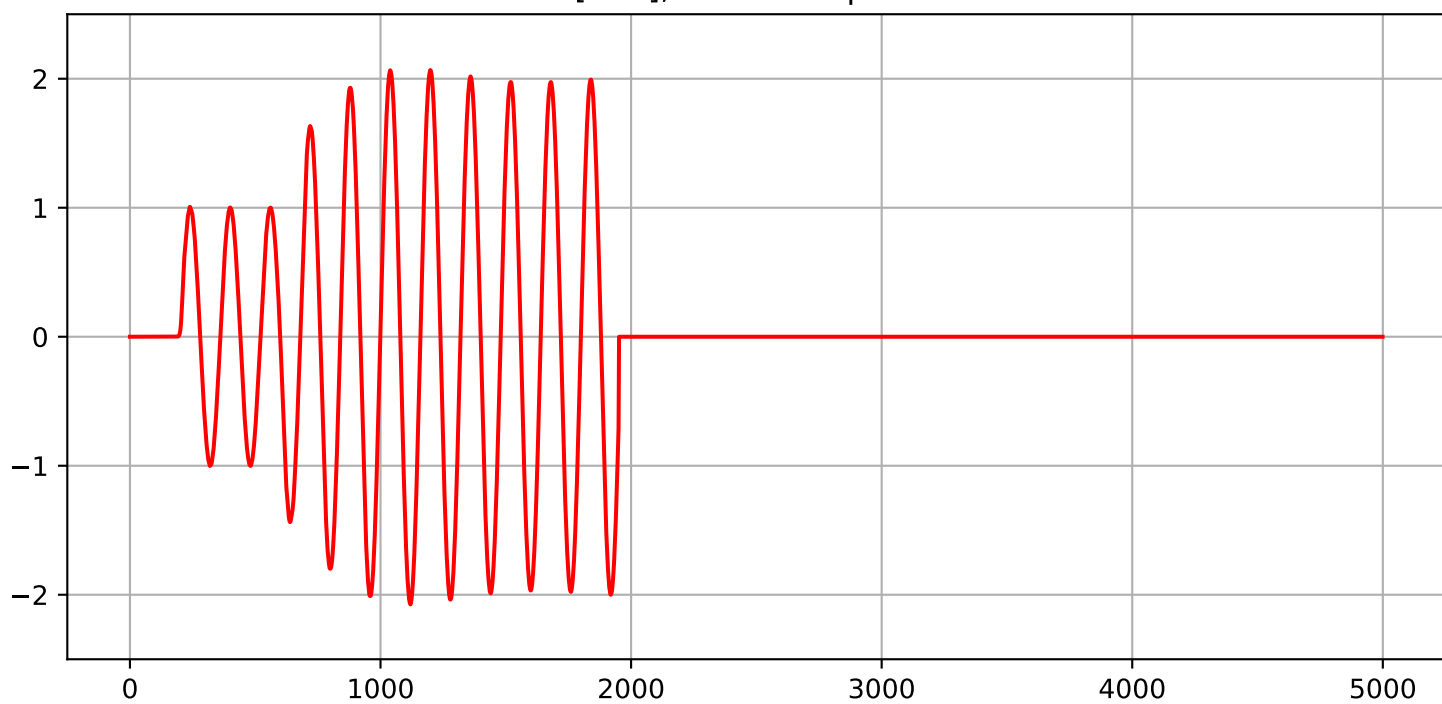
E[trans_probe]; At timestep 1900



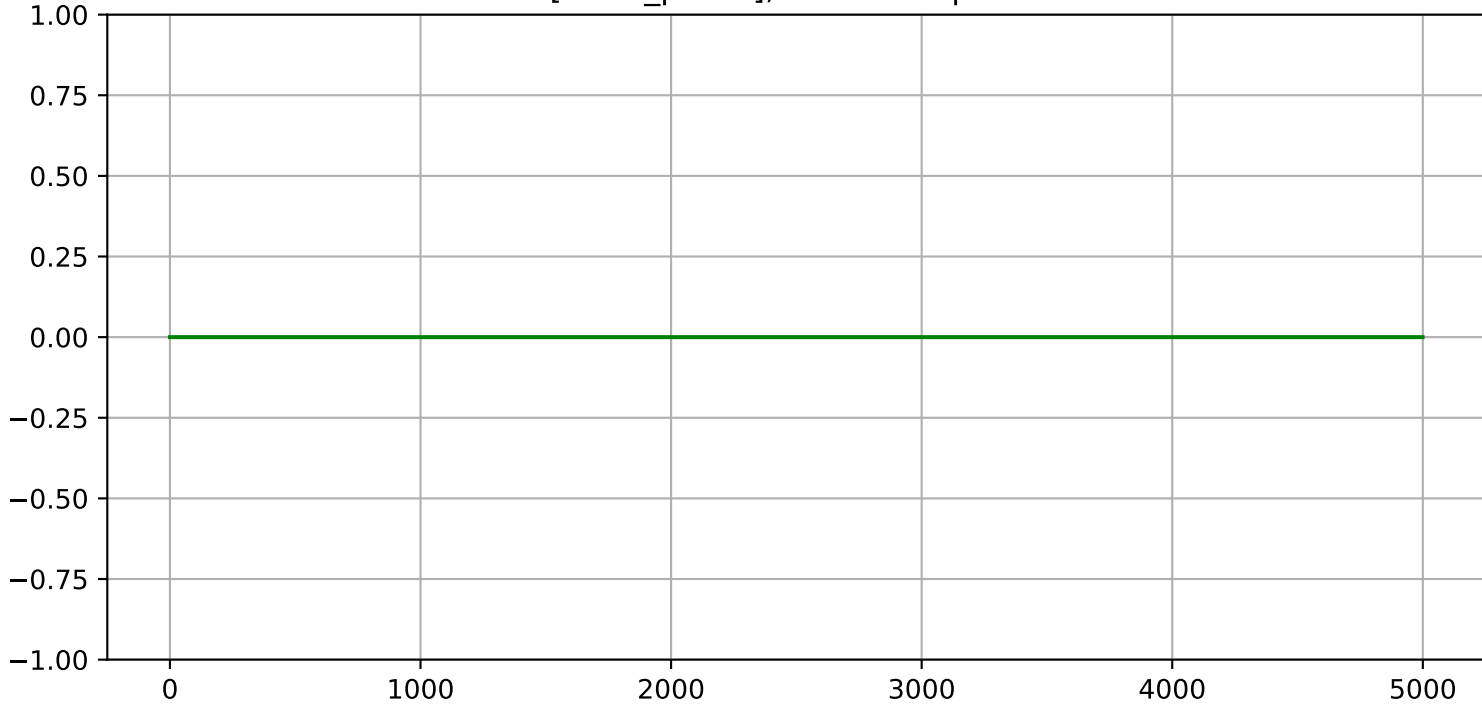
For N=20pairs; At the timestep 1950



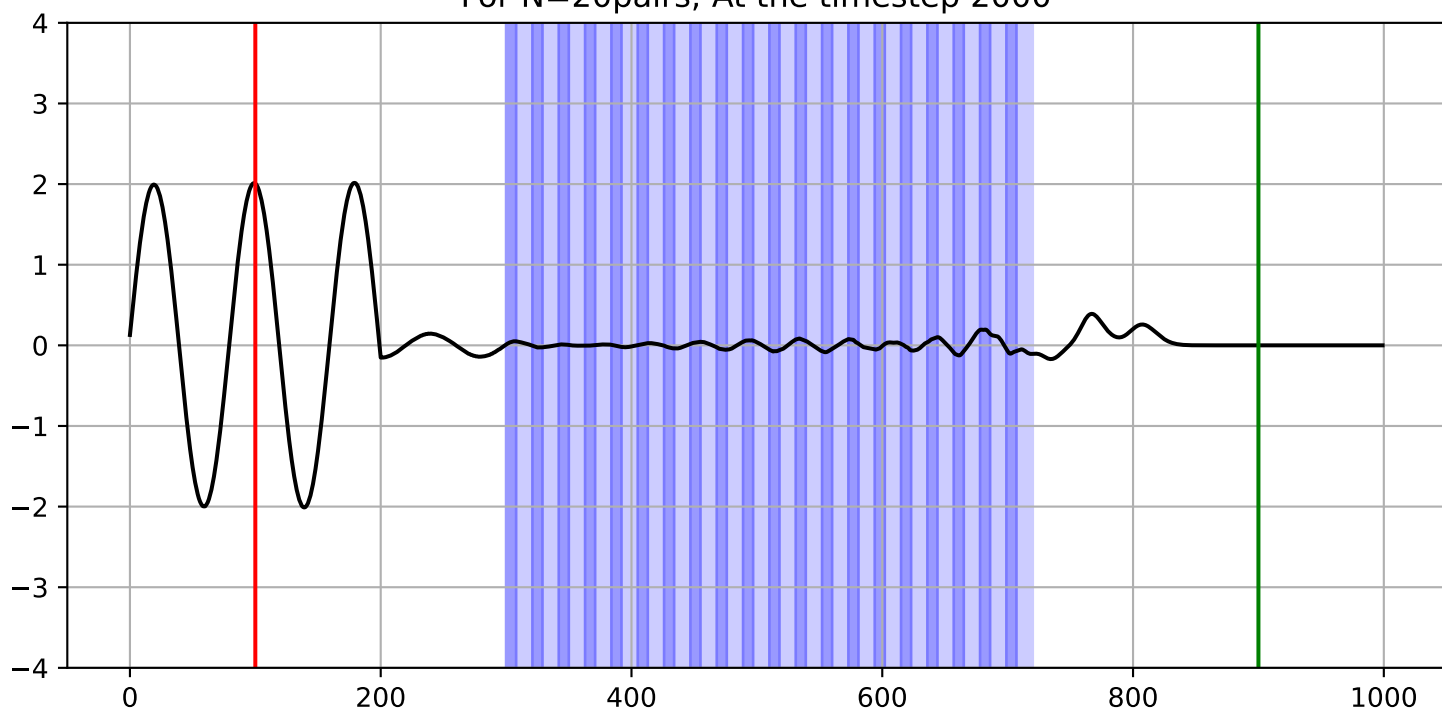
E[100]; At timestep 1950



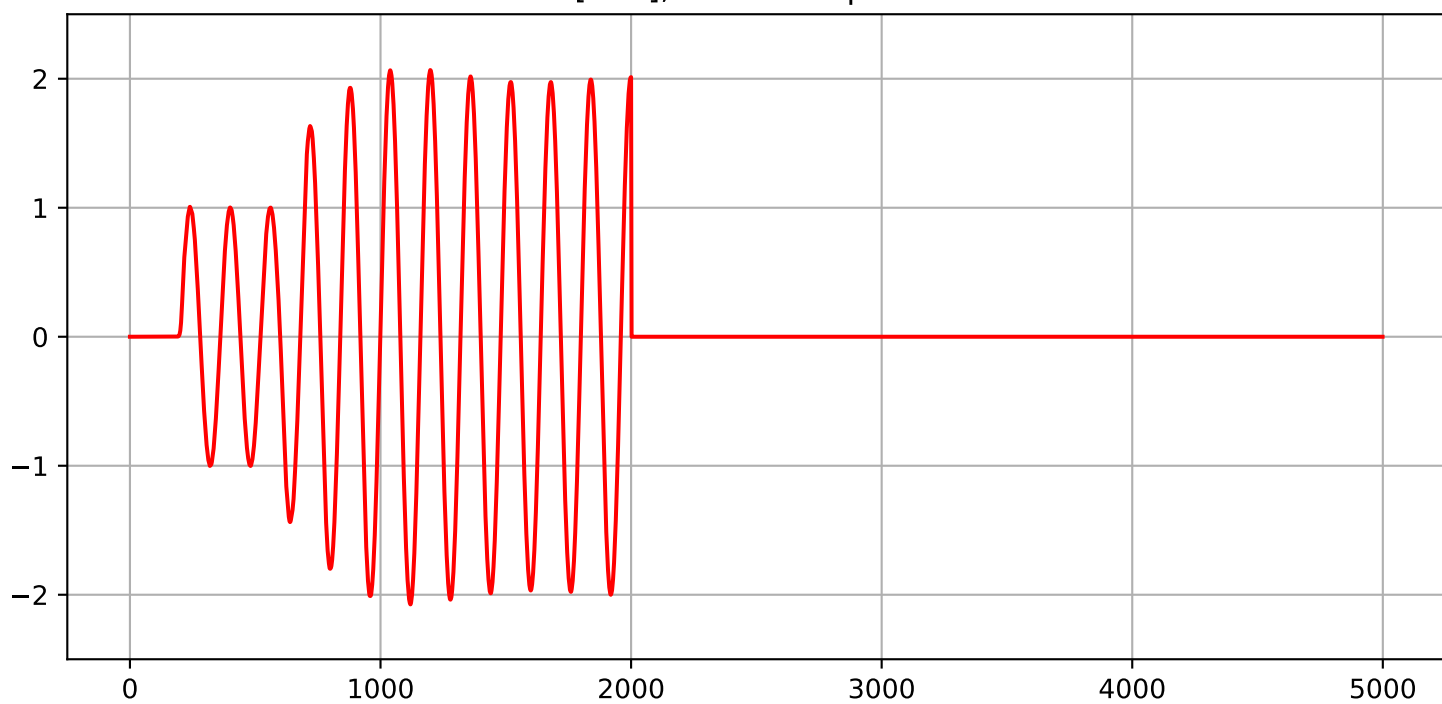
E[trans_probe]; At timestep 1950



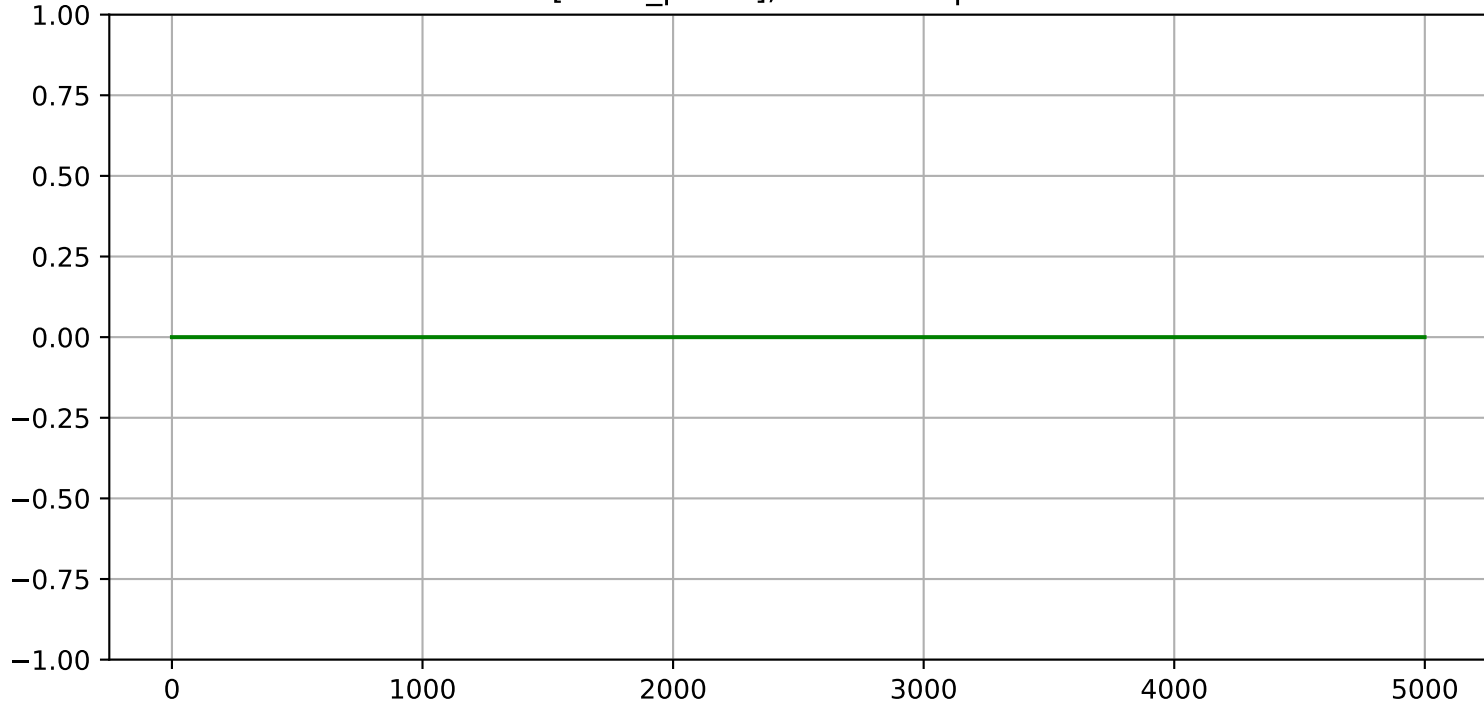
For N=20pairs; At the timestep 2000



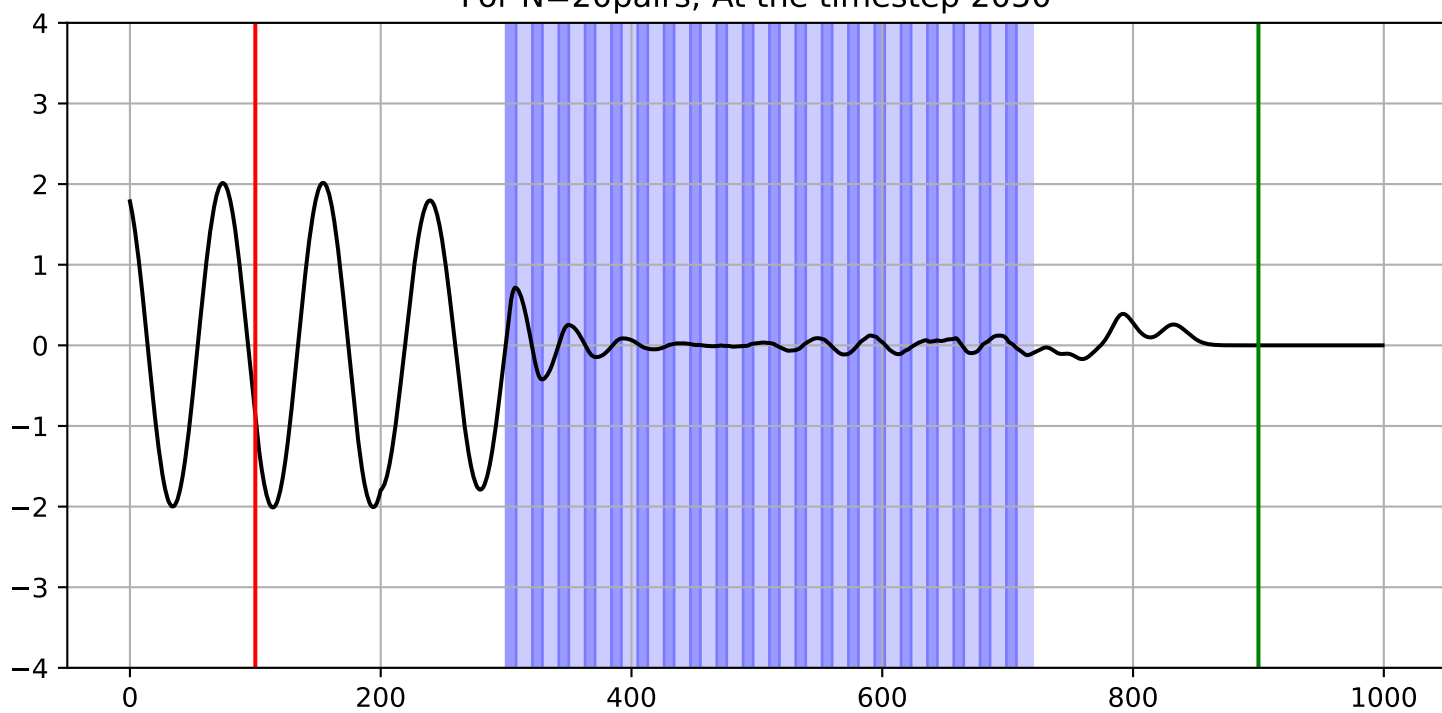
E[100]; At timestep 2000



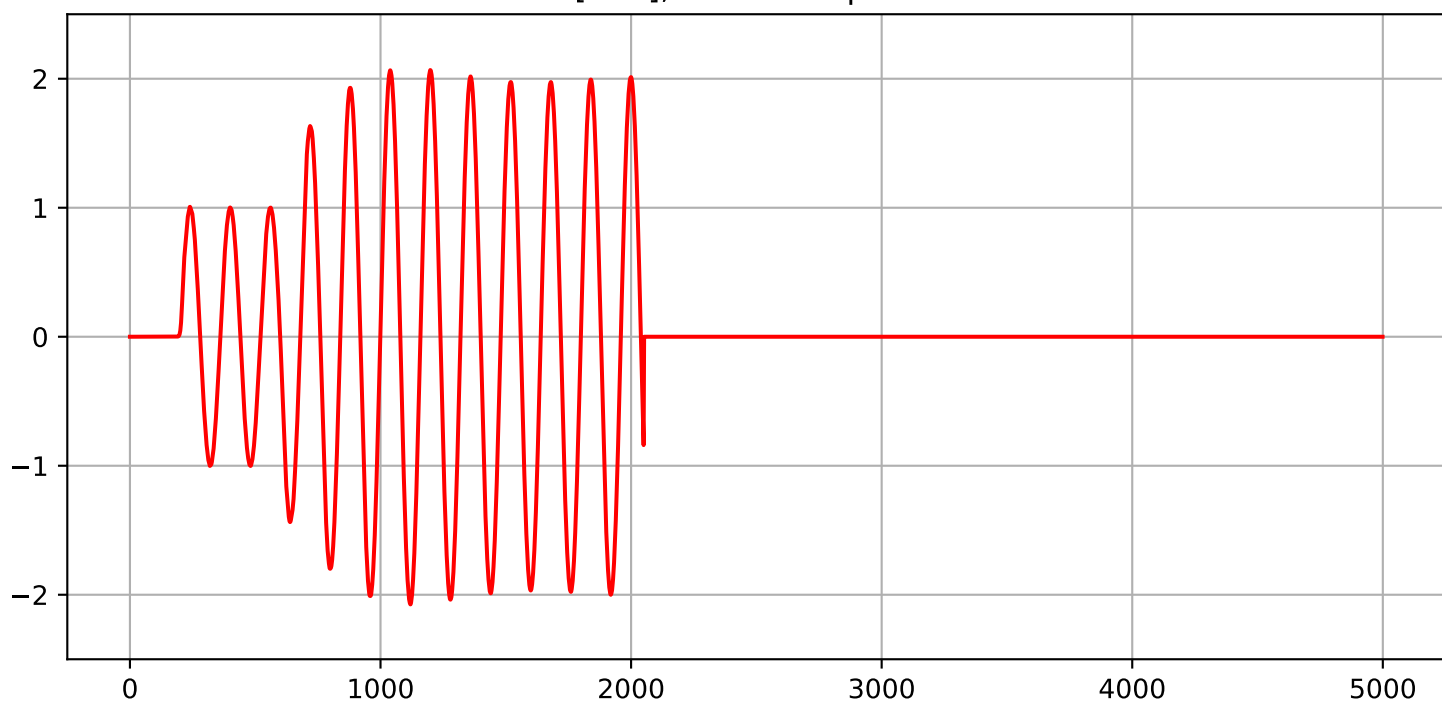
E[trans_probe]; At timestep 2000



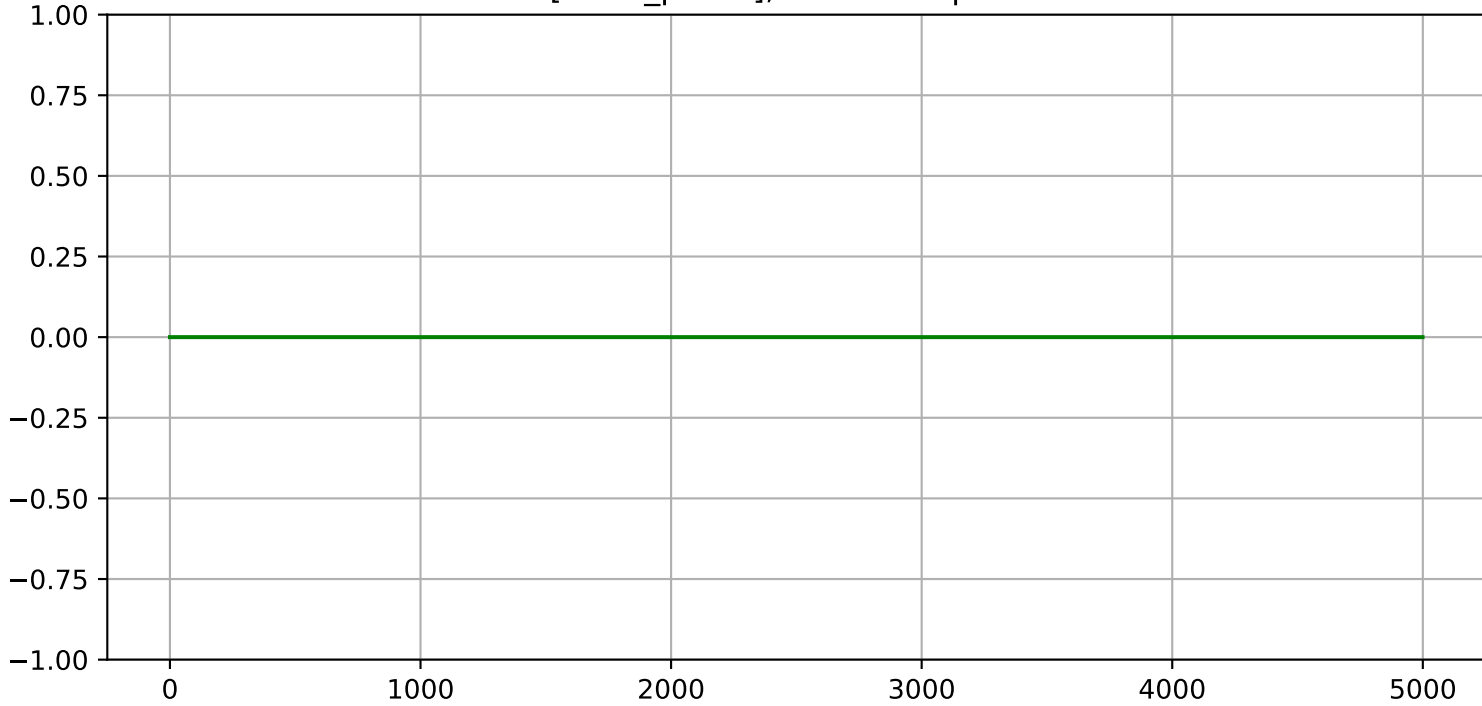
For N=20pairs; At the timestep 2050



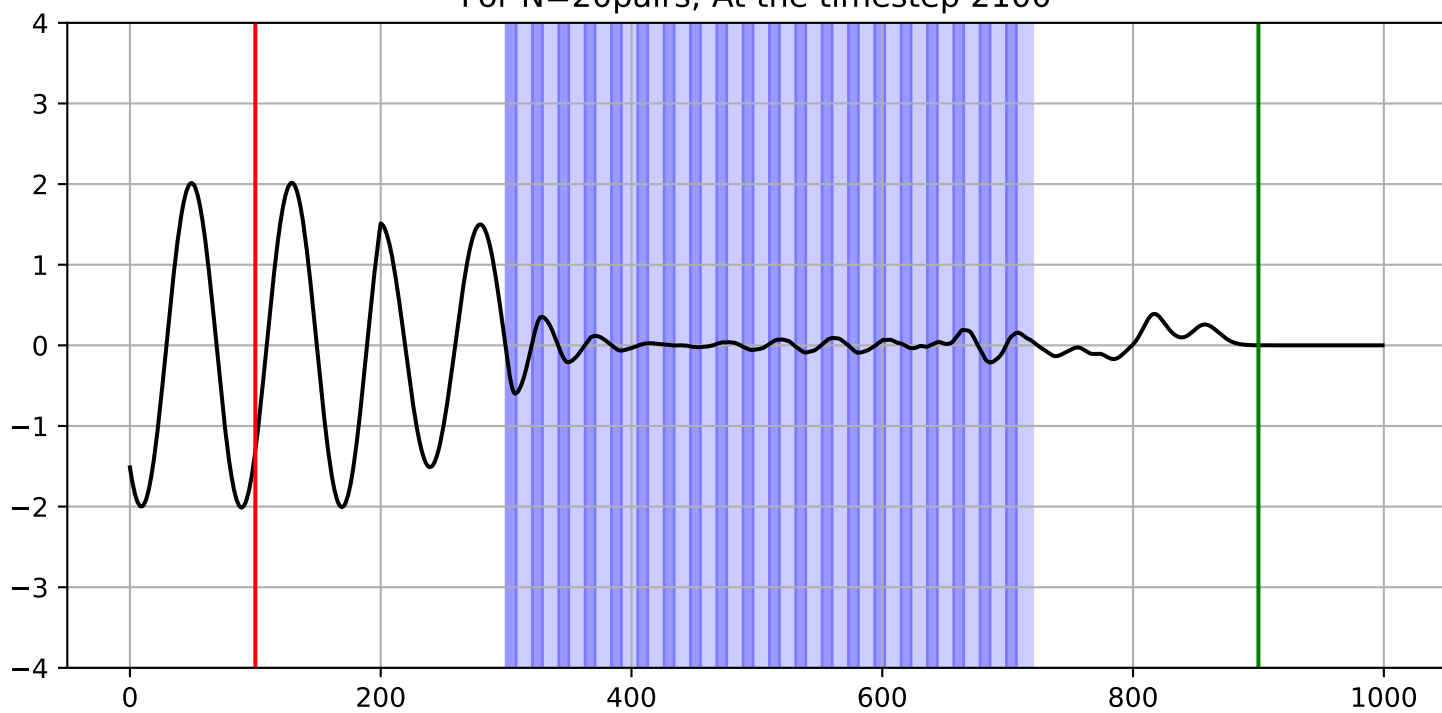
E[100]; At timestep 2050



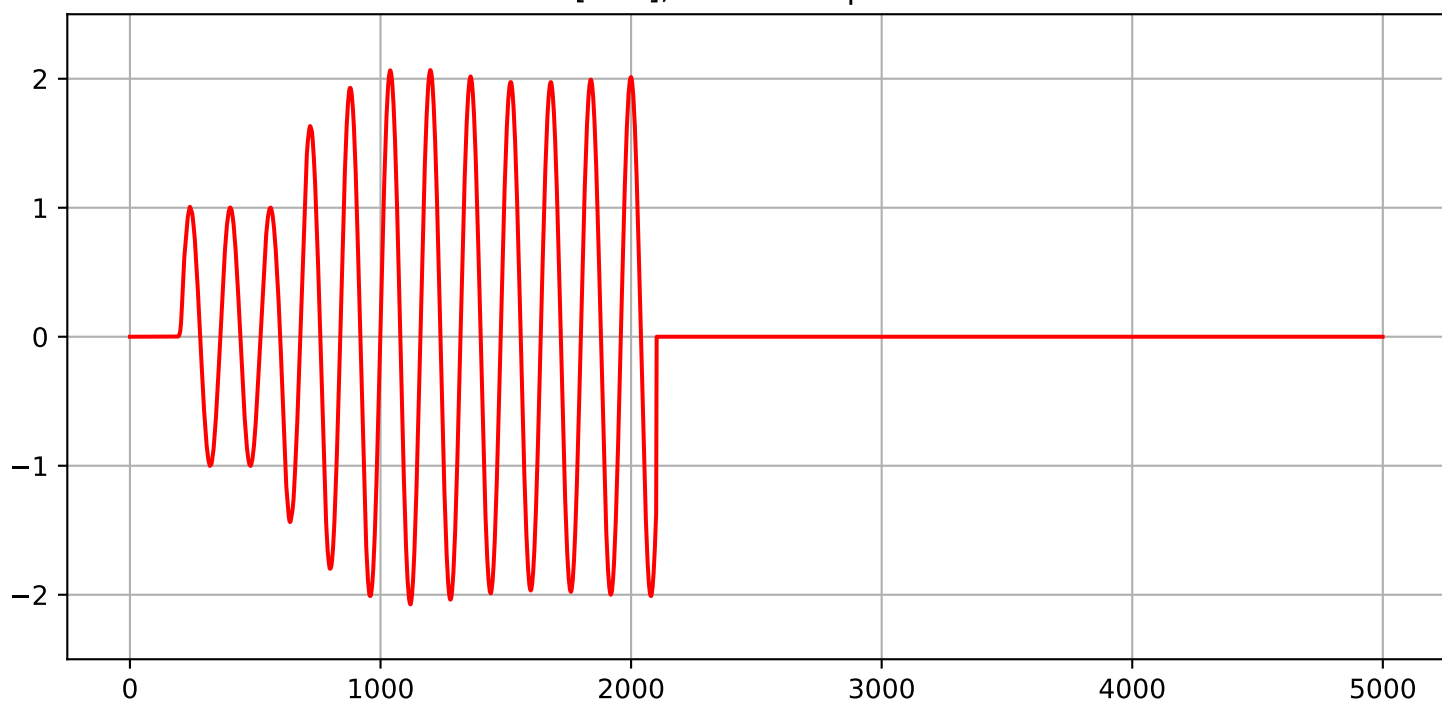
E[trans_probe]; At timestep 2050



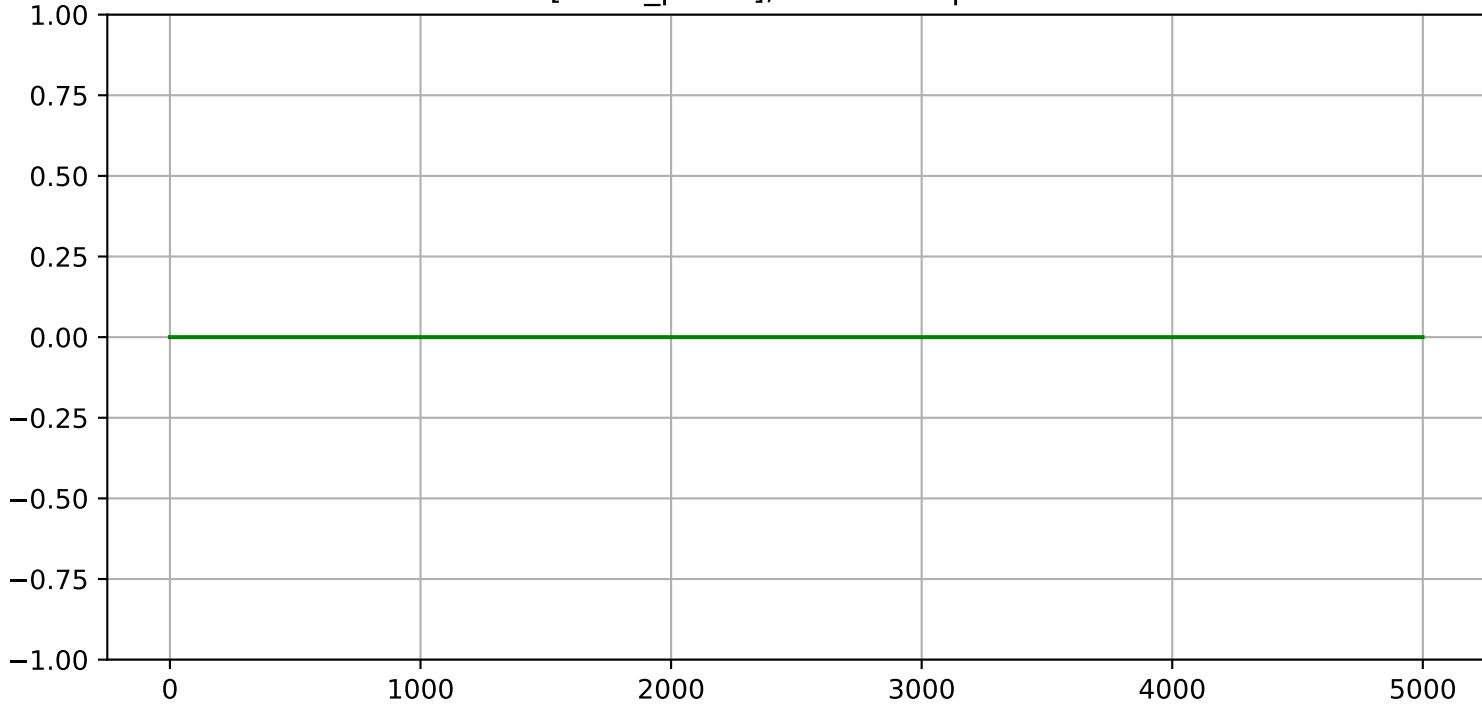
For N=20pairs; At the timestep 2100



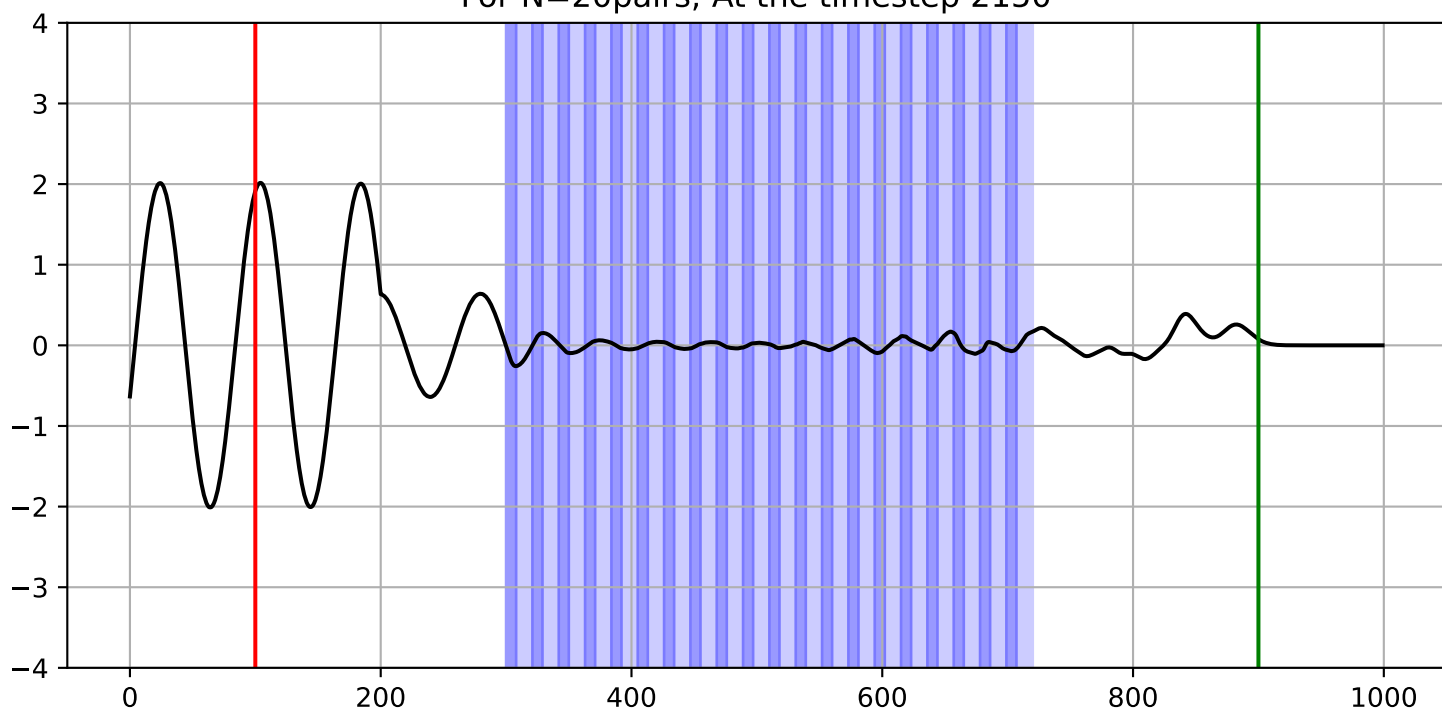
E[100]; At timestep 2100



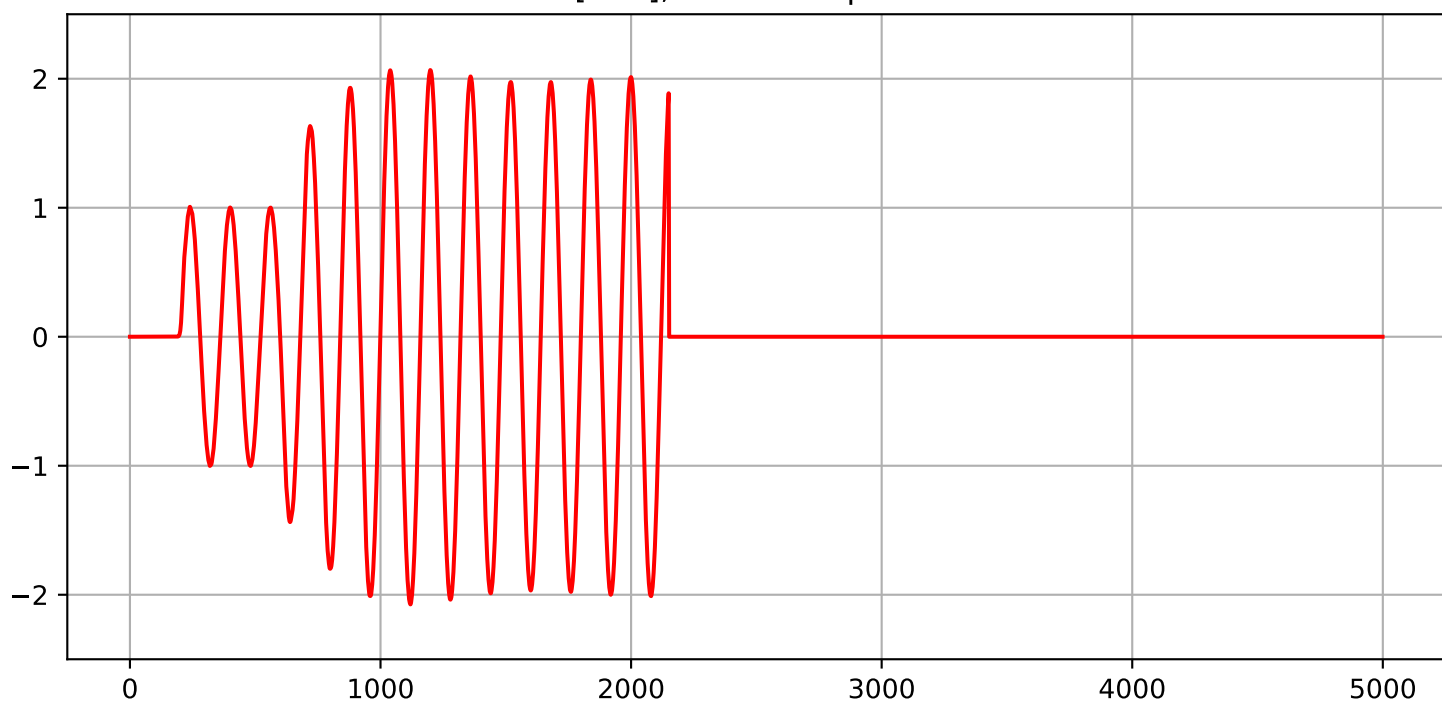
E[trans_probe]; At timestep 2100



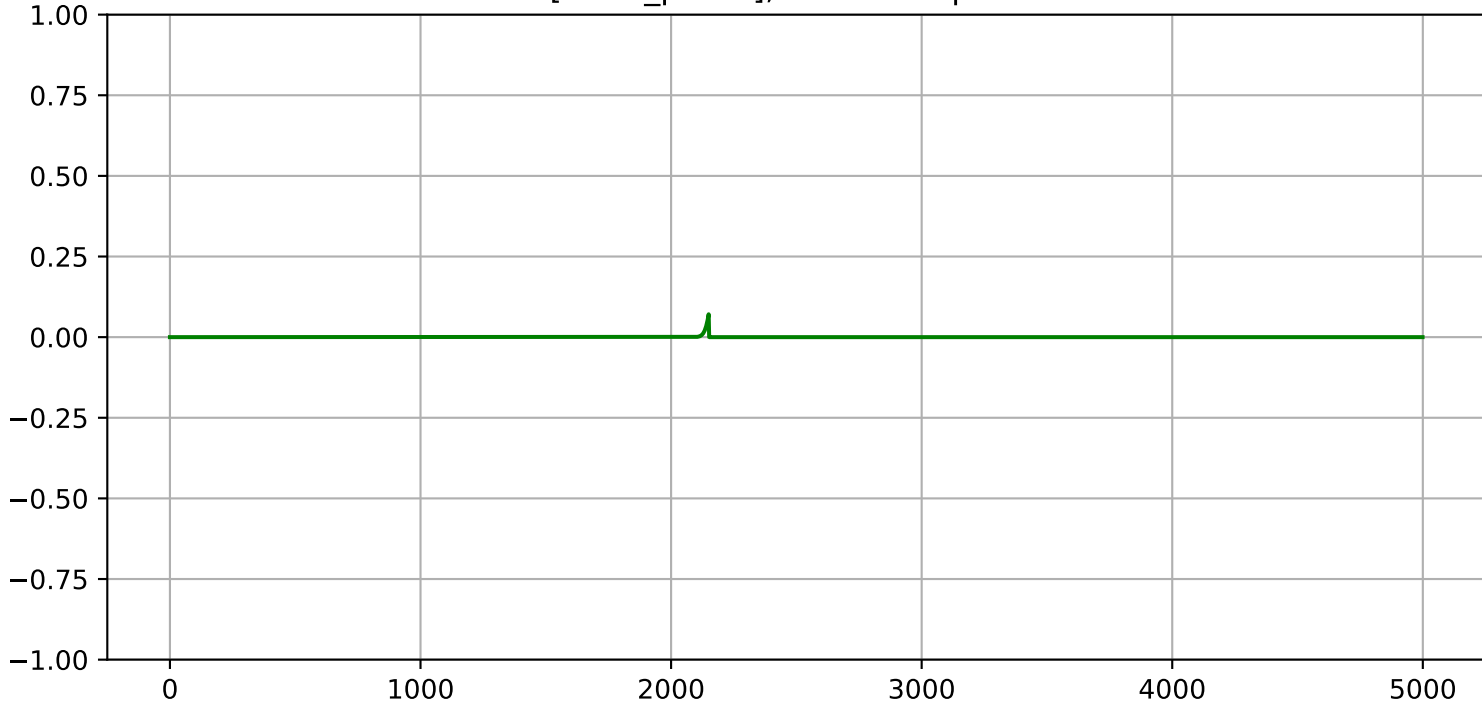
For N=20pairs; At the timestep 2150



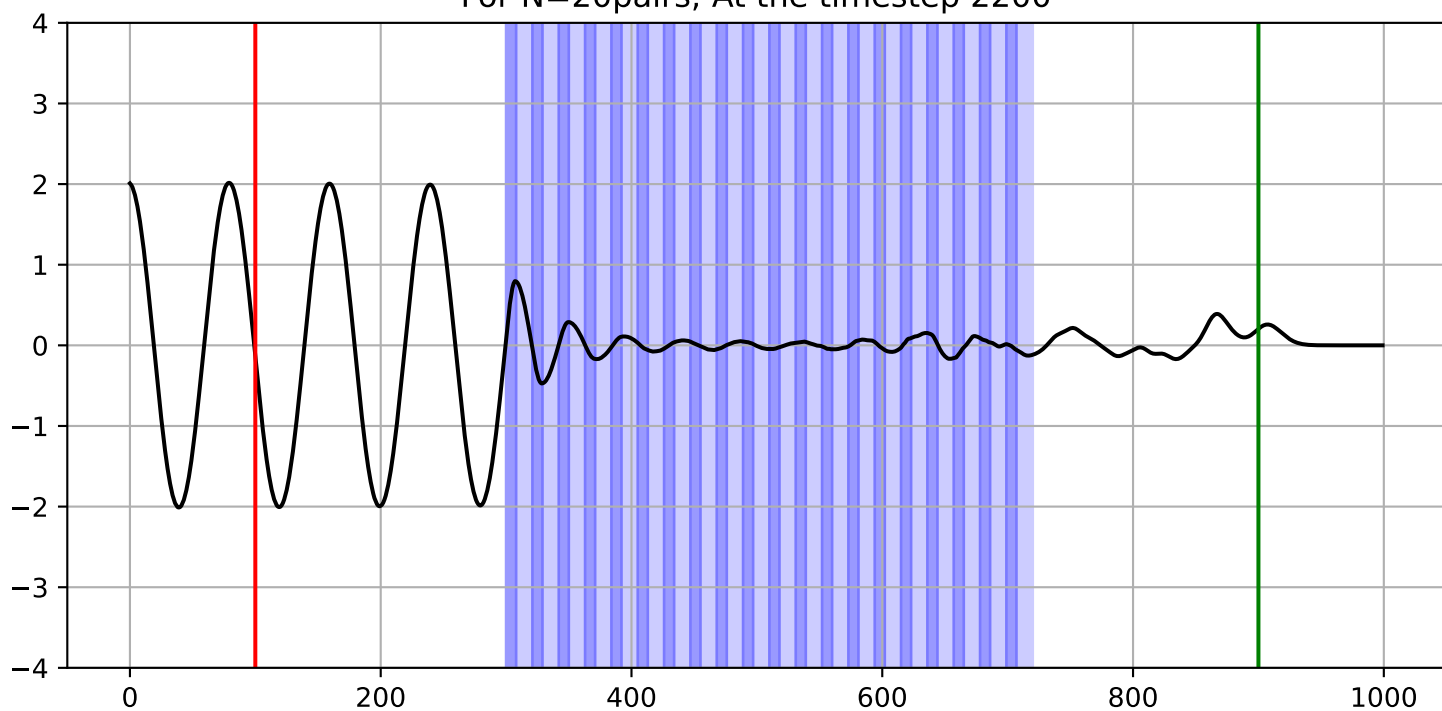
E[100]; At timestep 2150



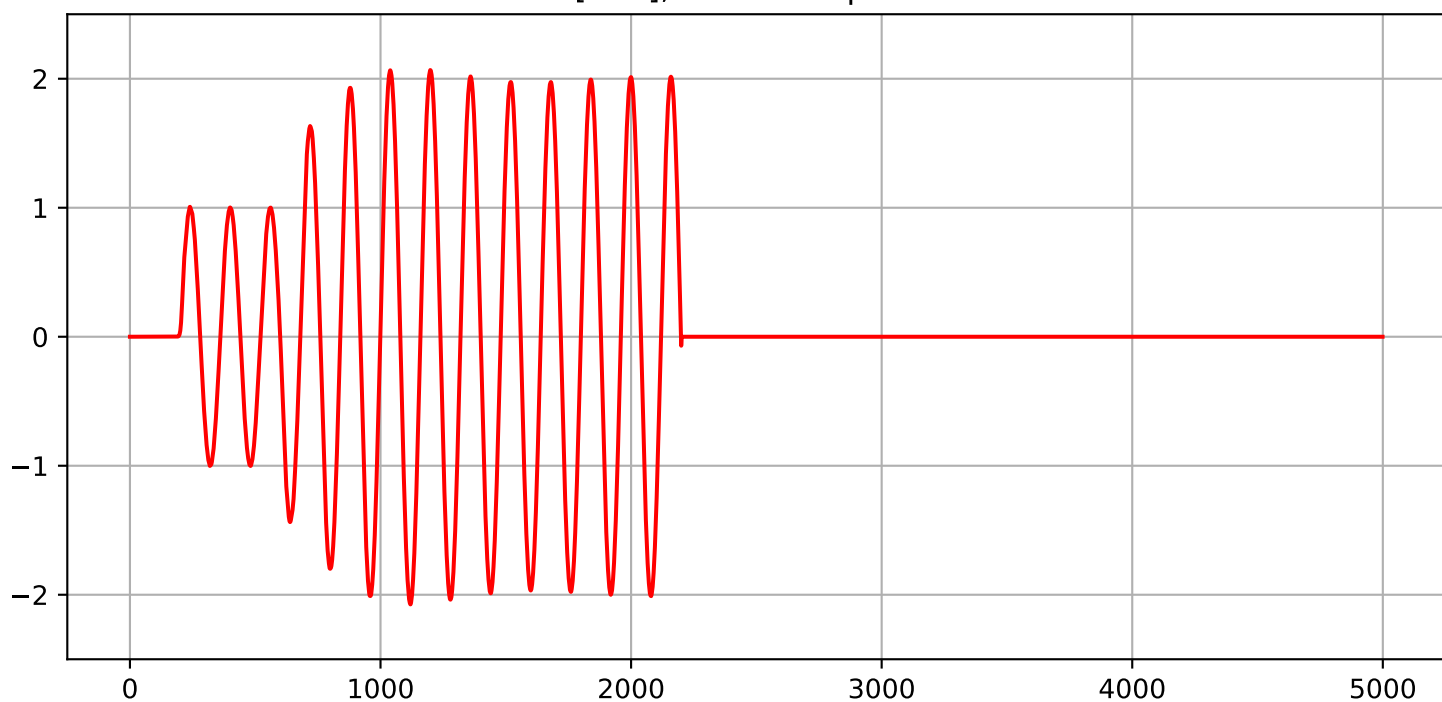
E[trans_probe]; At timestep 2150



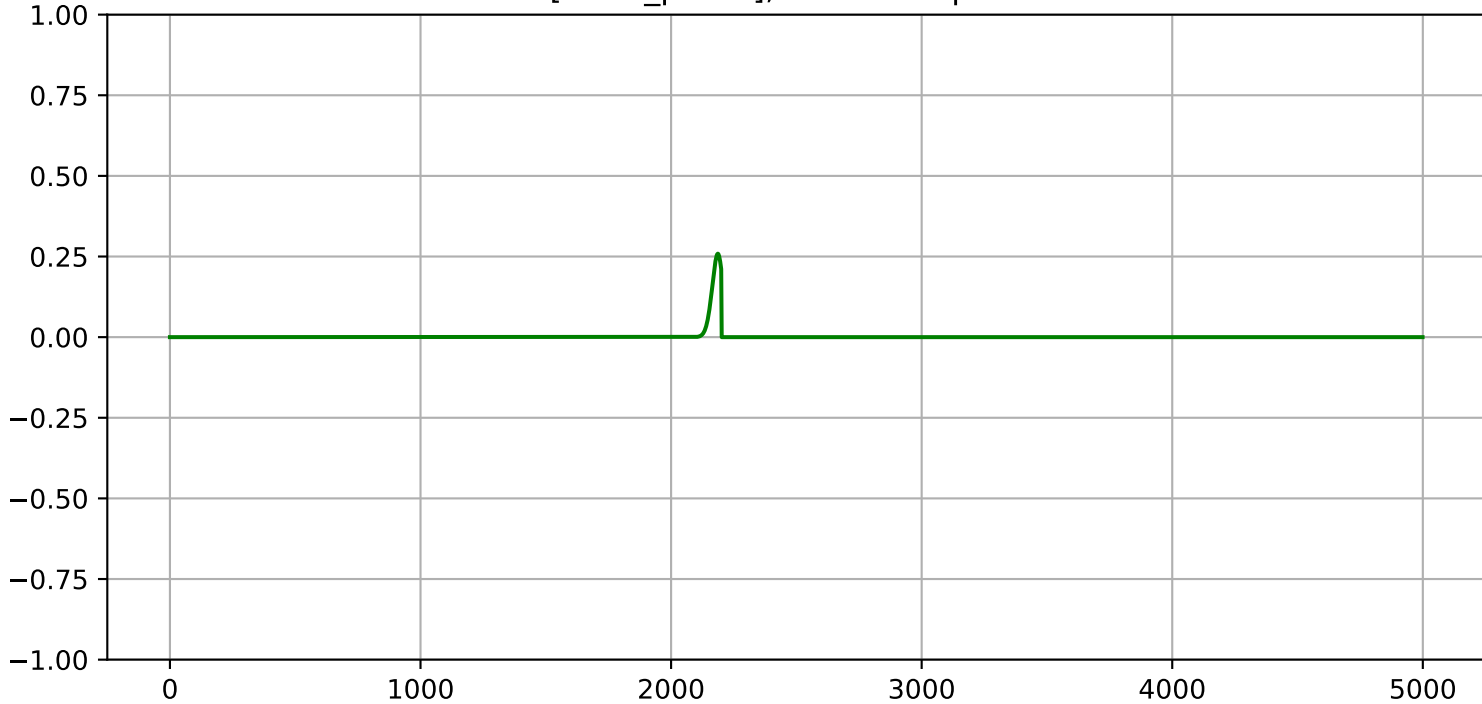
For N=20pairs; At the timestep 2200



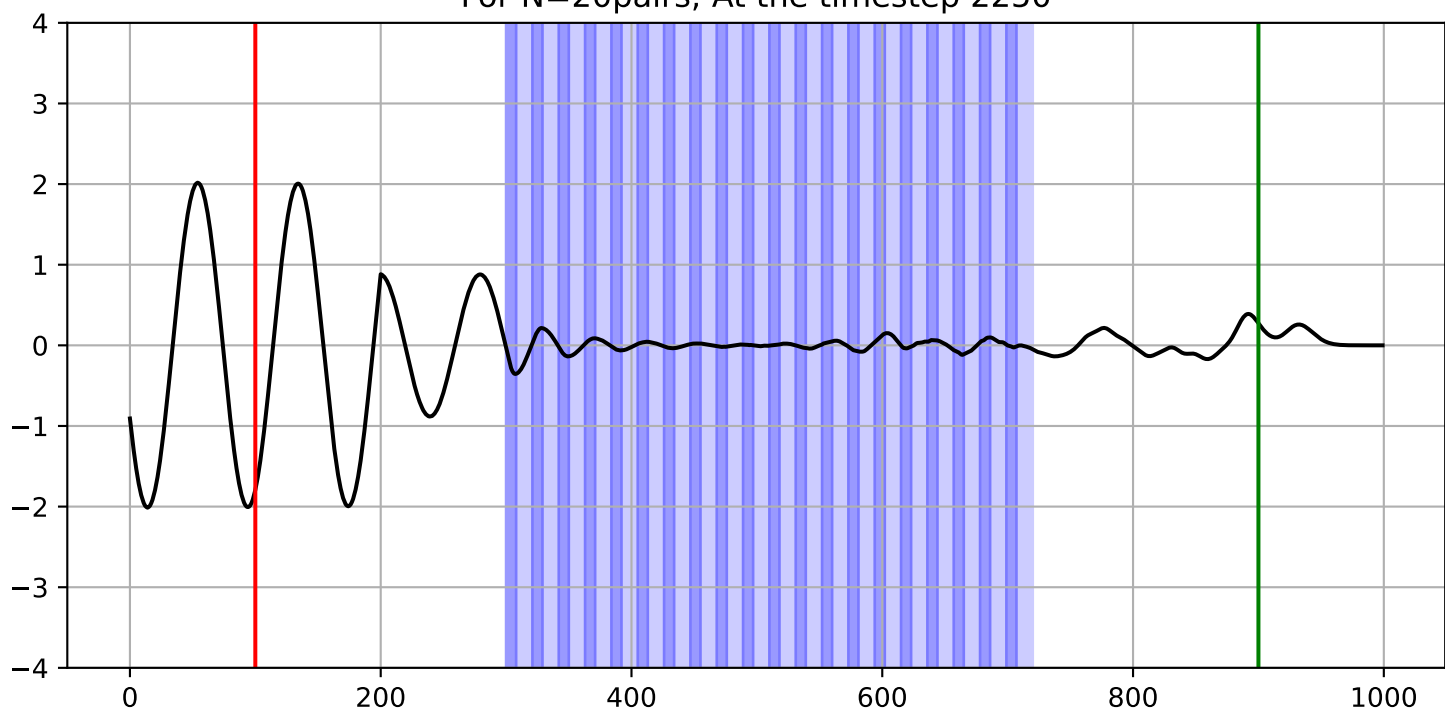
E[100]; At timestep 2200



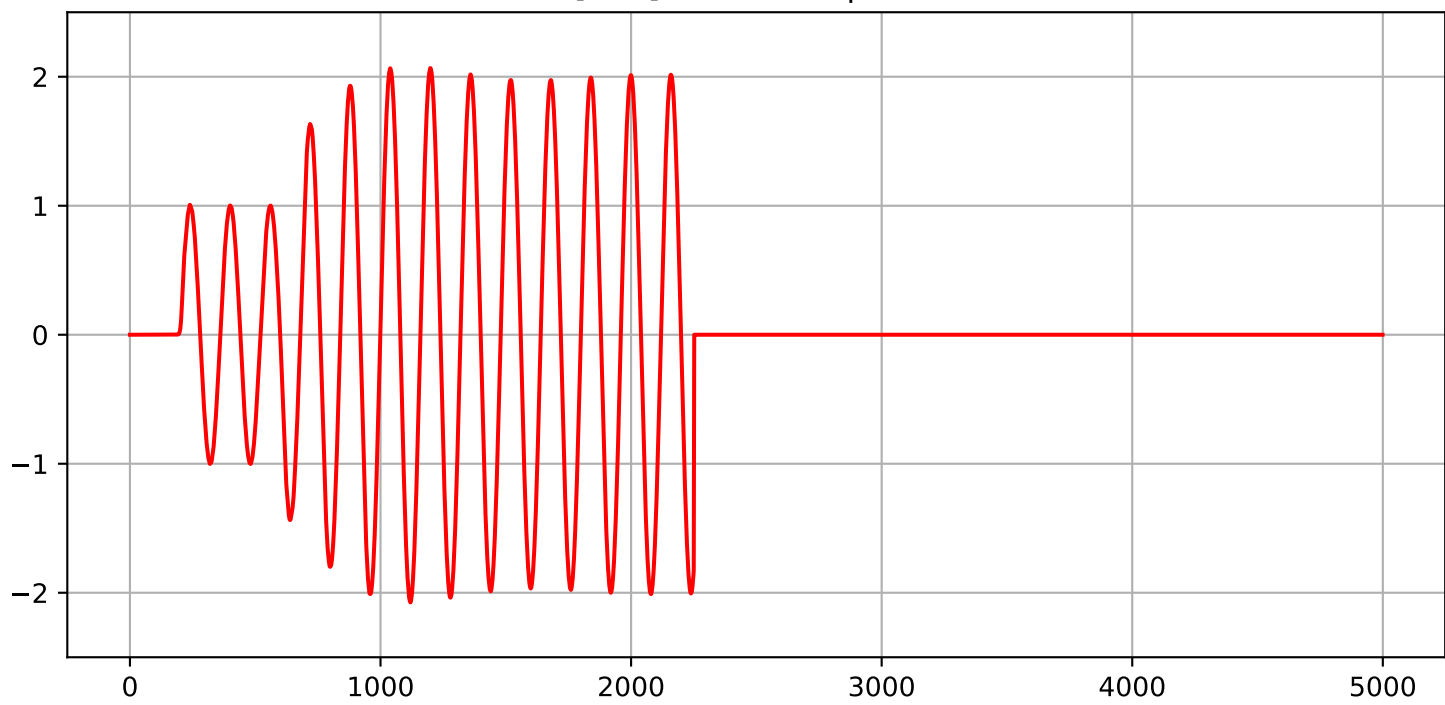
E[trans_probe]; At timestep 2200



For N=20pairs; At the timestep 2250



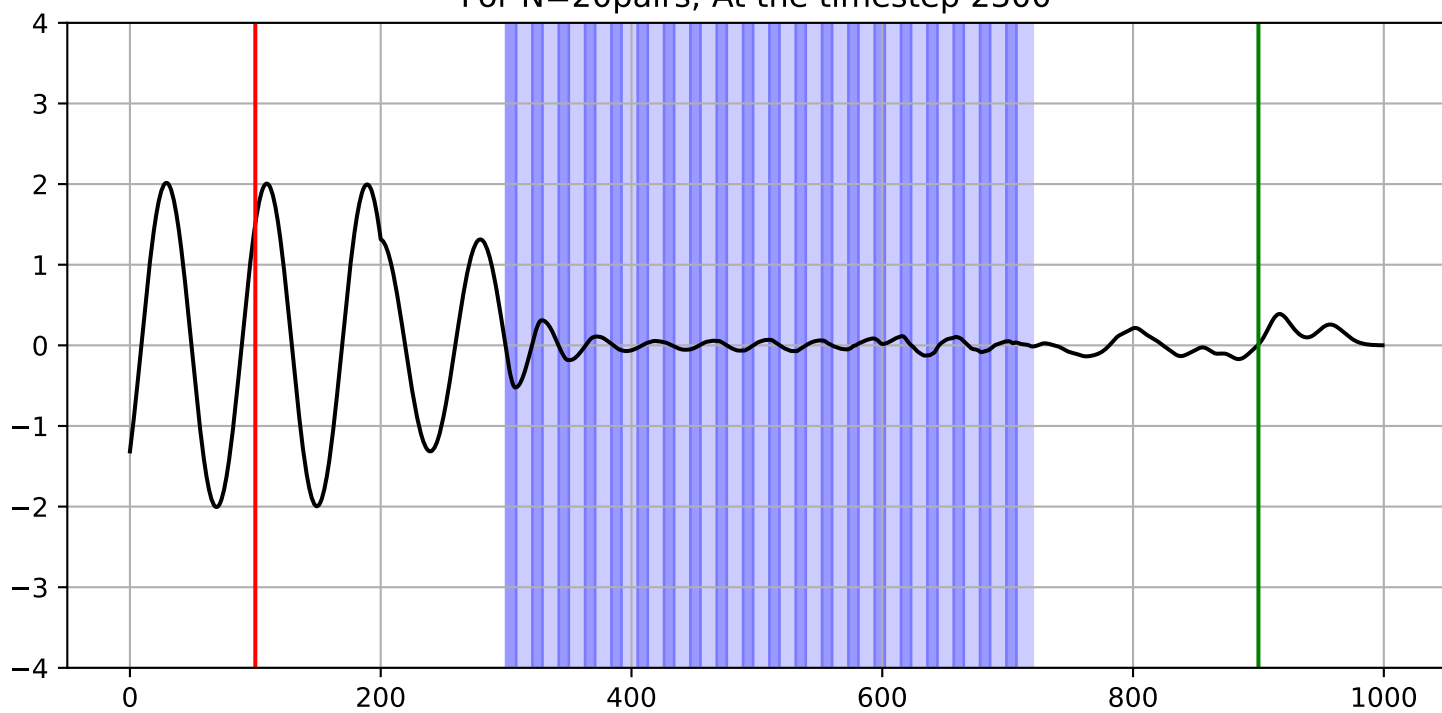
E[100]; At timestep 2250



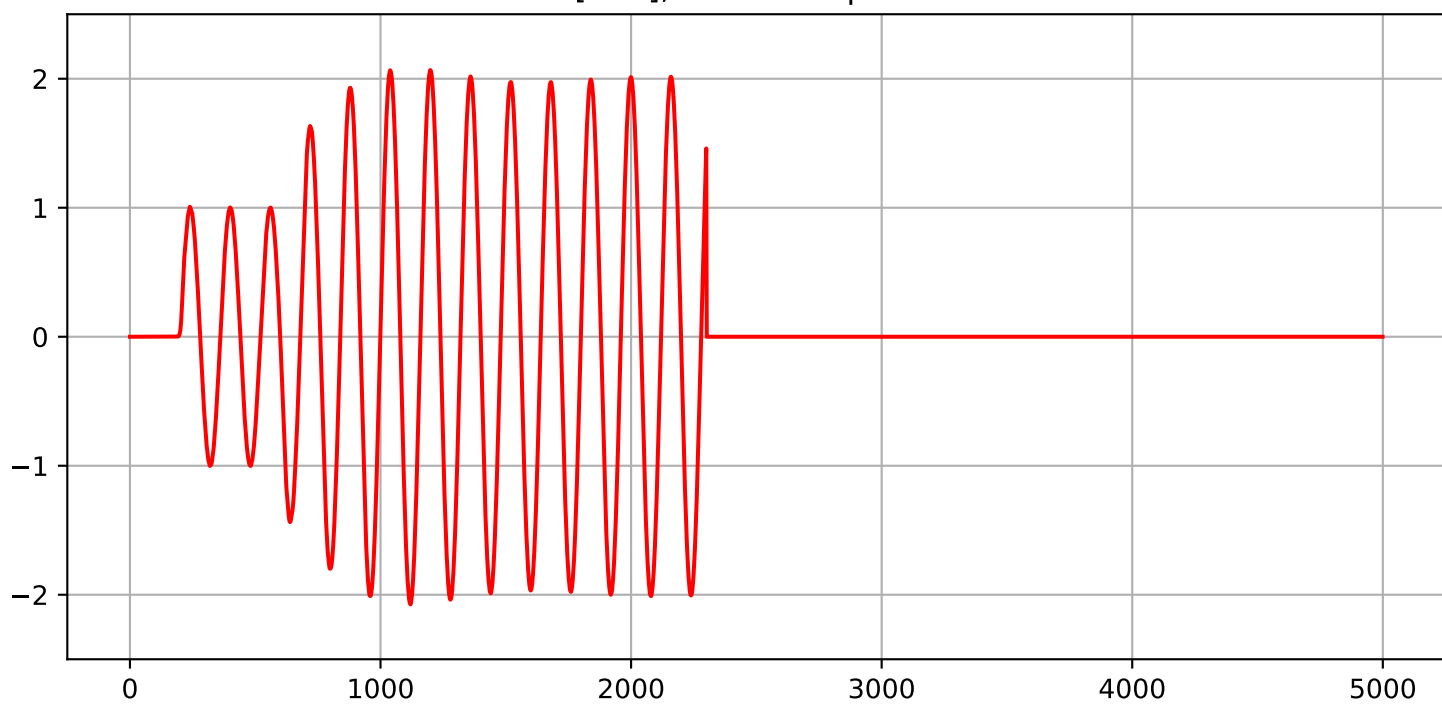
E[trans_probe]; At timestep 2250



For N=20pairs; At the timestep 2300



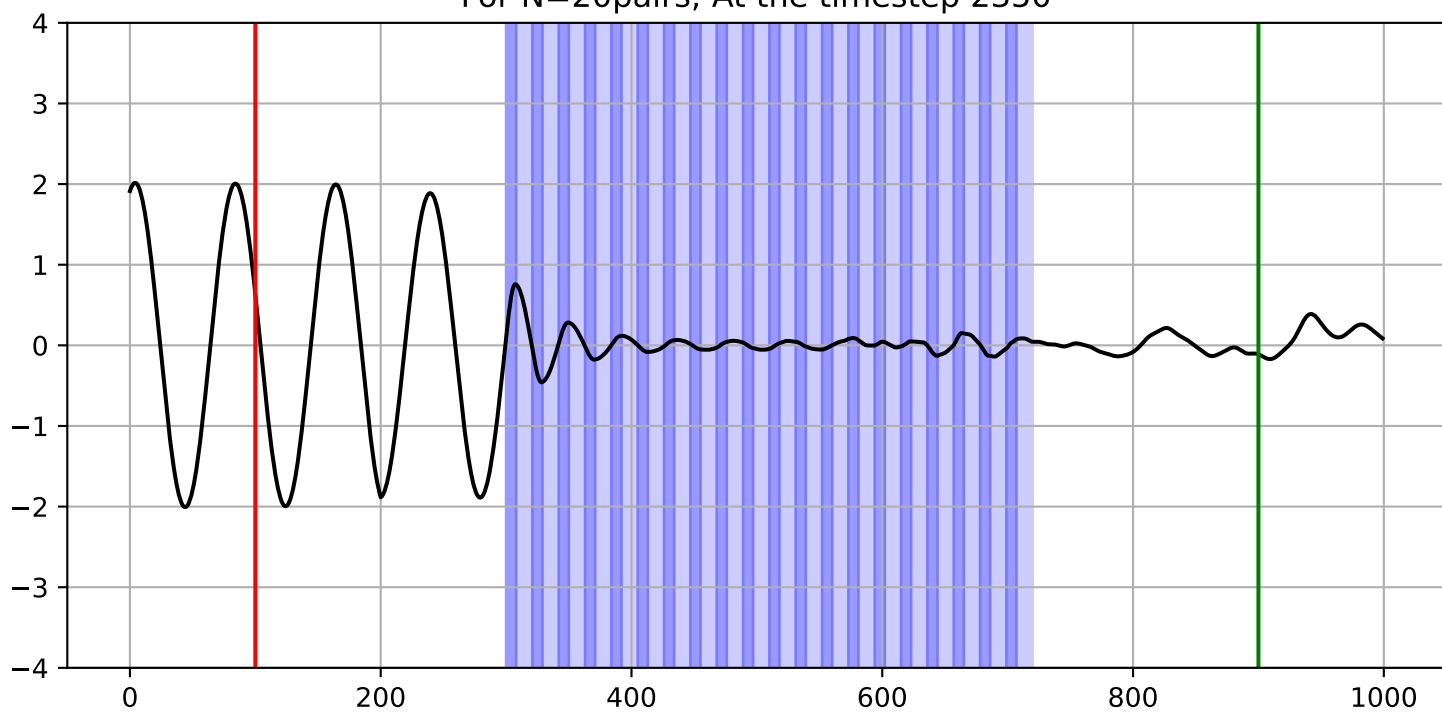
E[100]; At timestep 2300



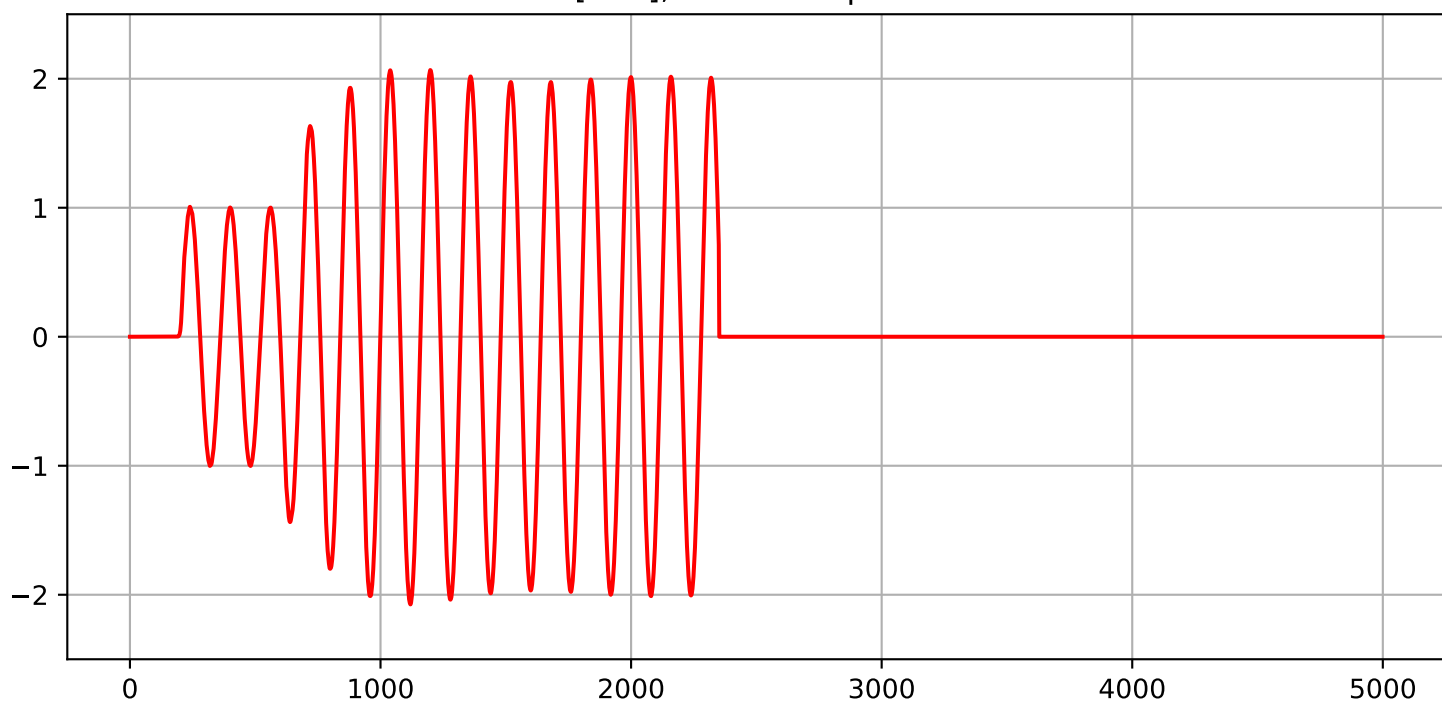
E[trans_probe]; At timestep 2300



For N=20pairs; At the timestep 2350



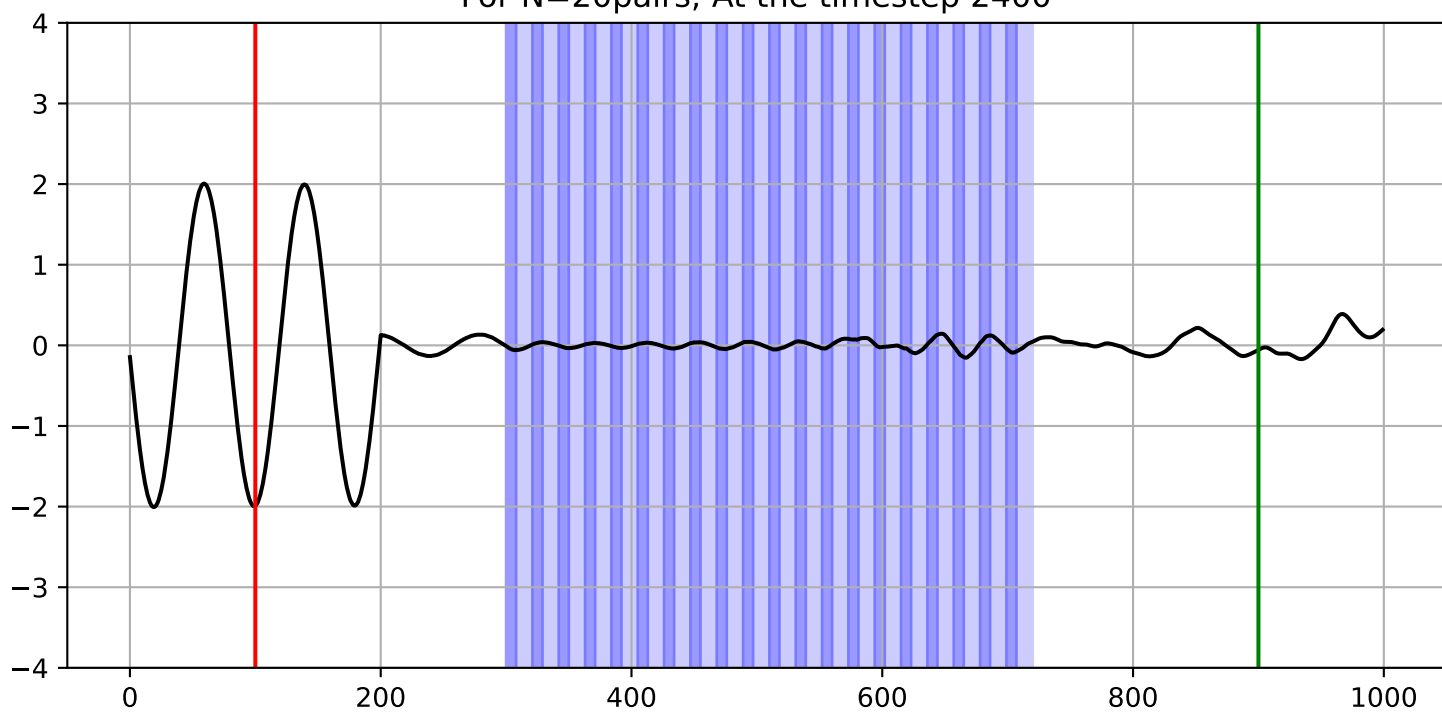
E[100]; At timestep 2350



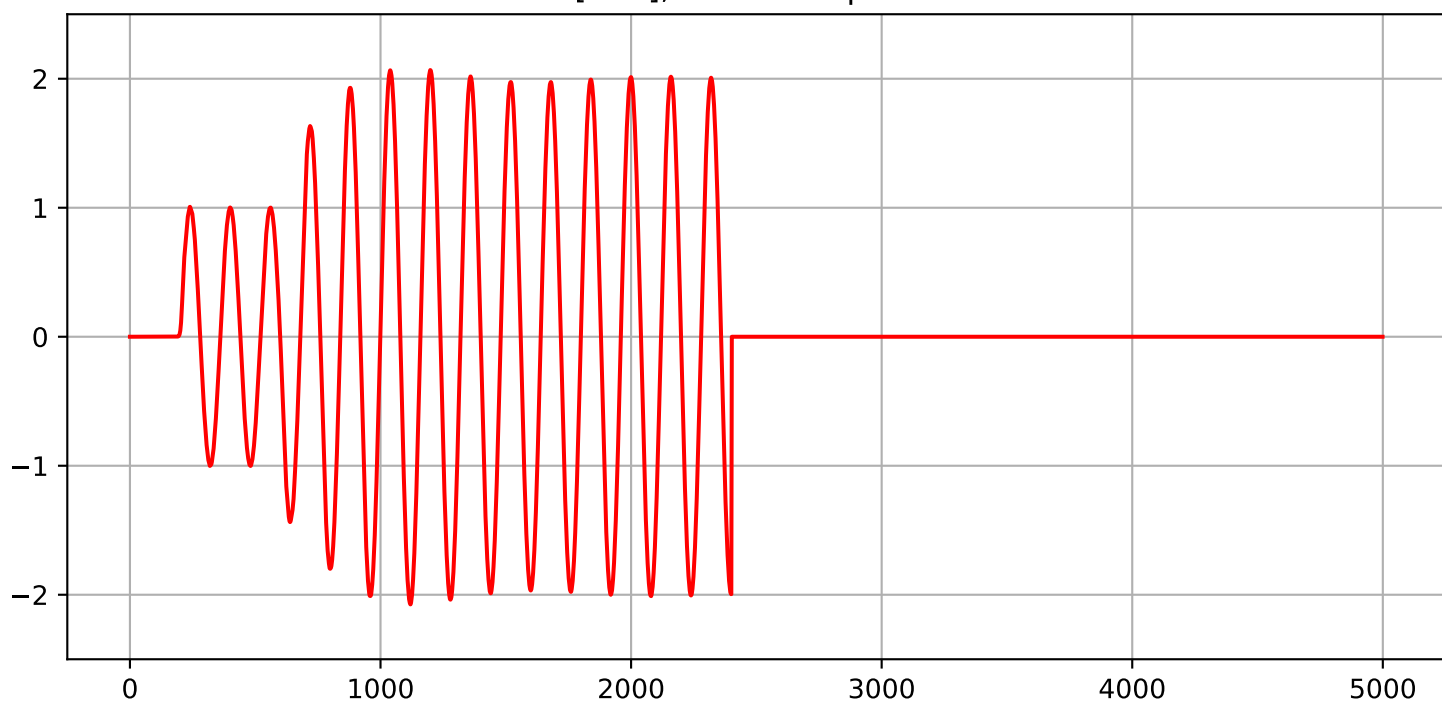
E[trans_probe]; At timestep 2350



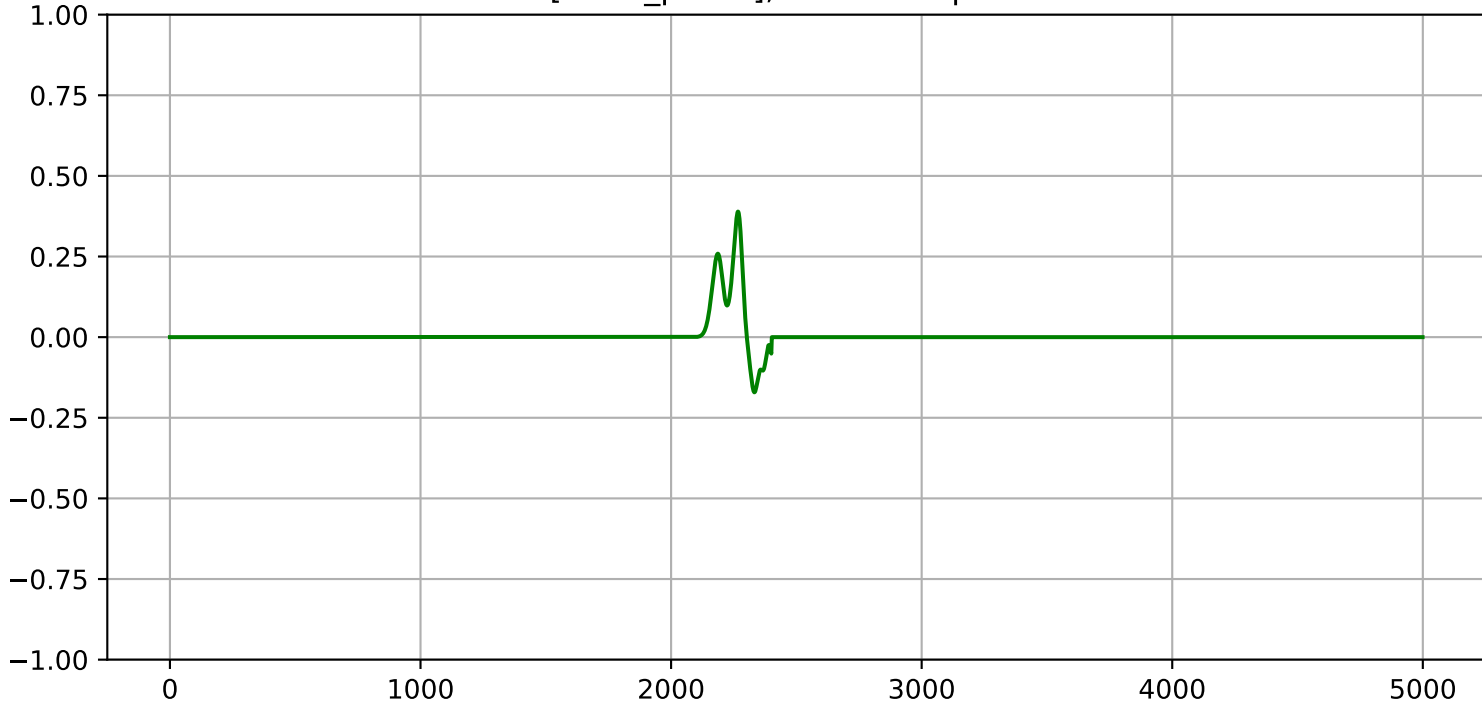
For N=20pairs; At the timestep 2400



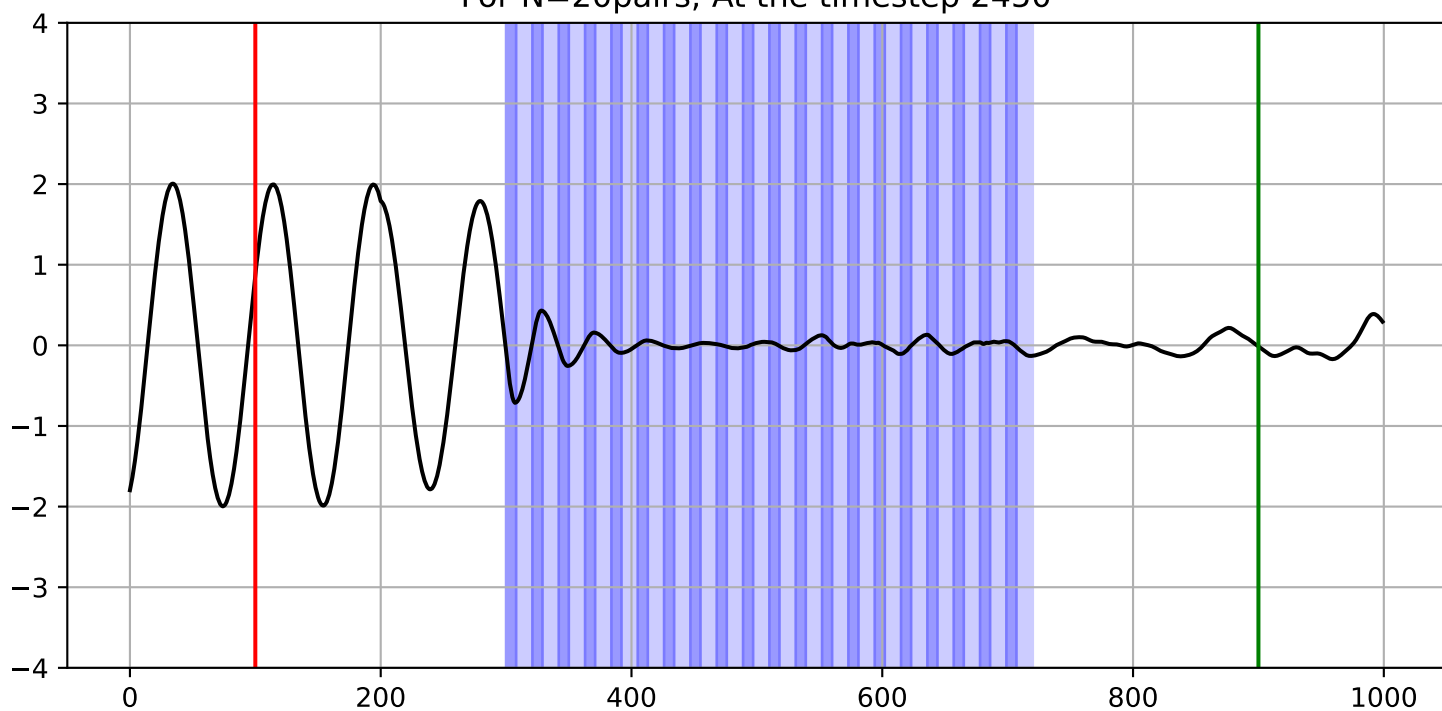
E[100]; At timestep 2400



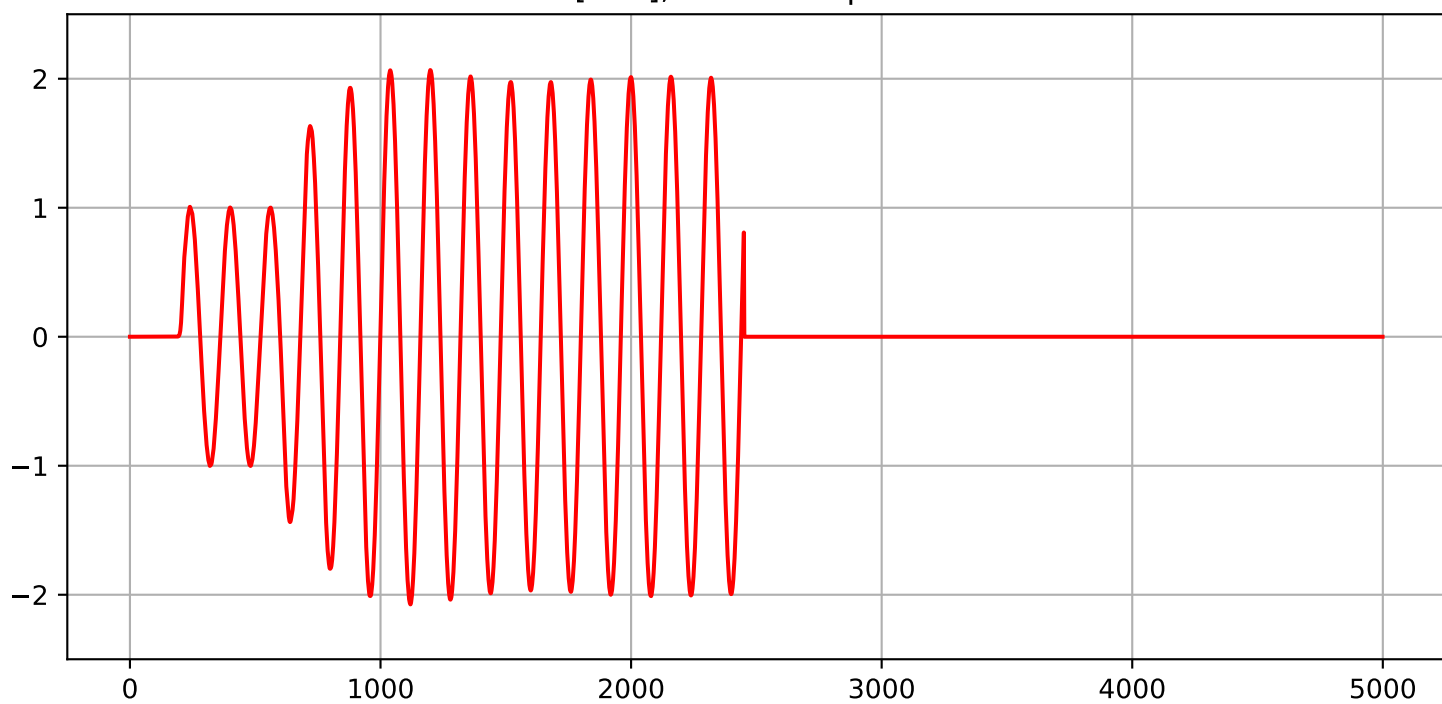
E[trans_probe]; At timestep 2400



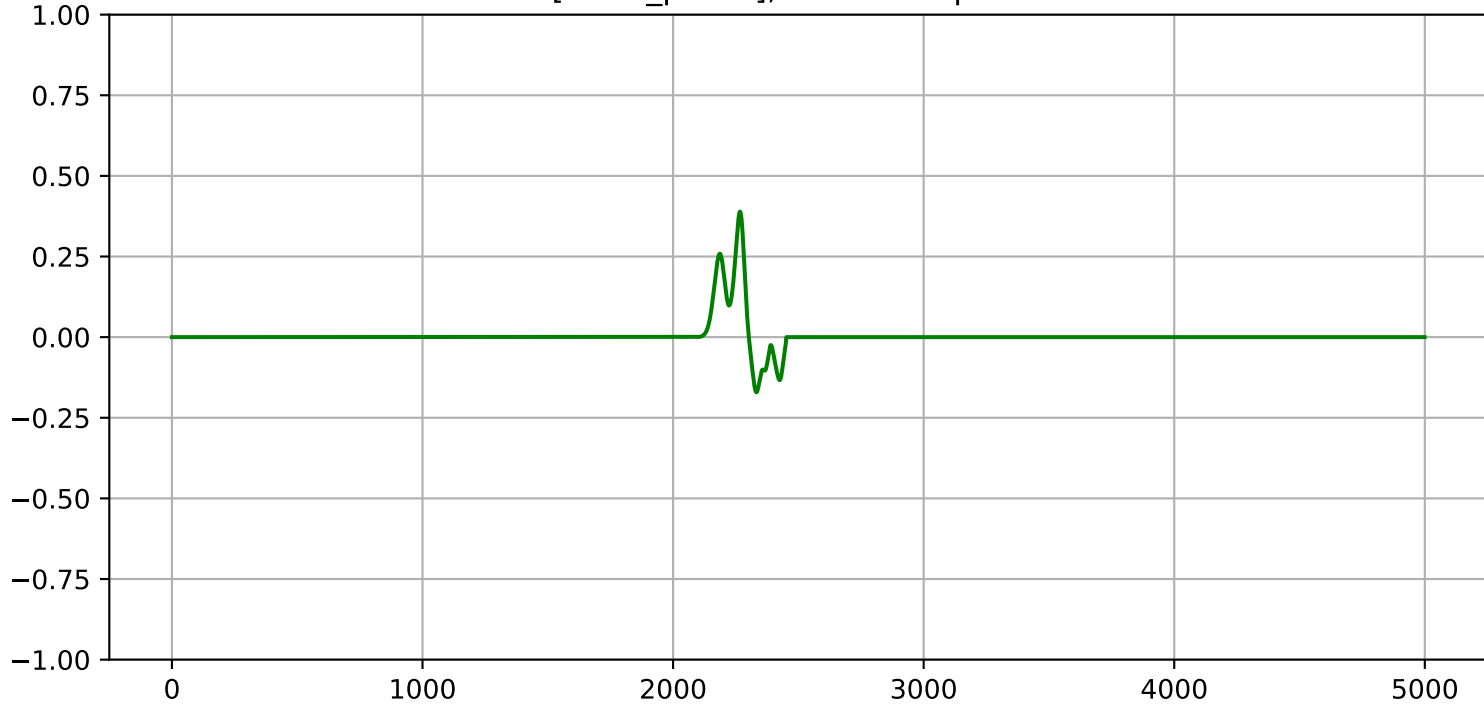
For N=20pairs; At the timestep 2450



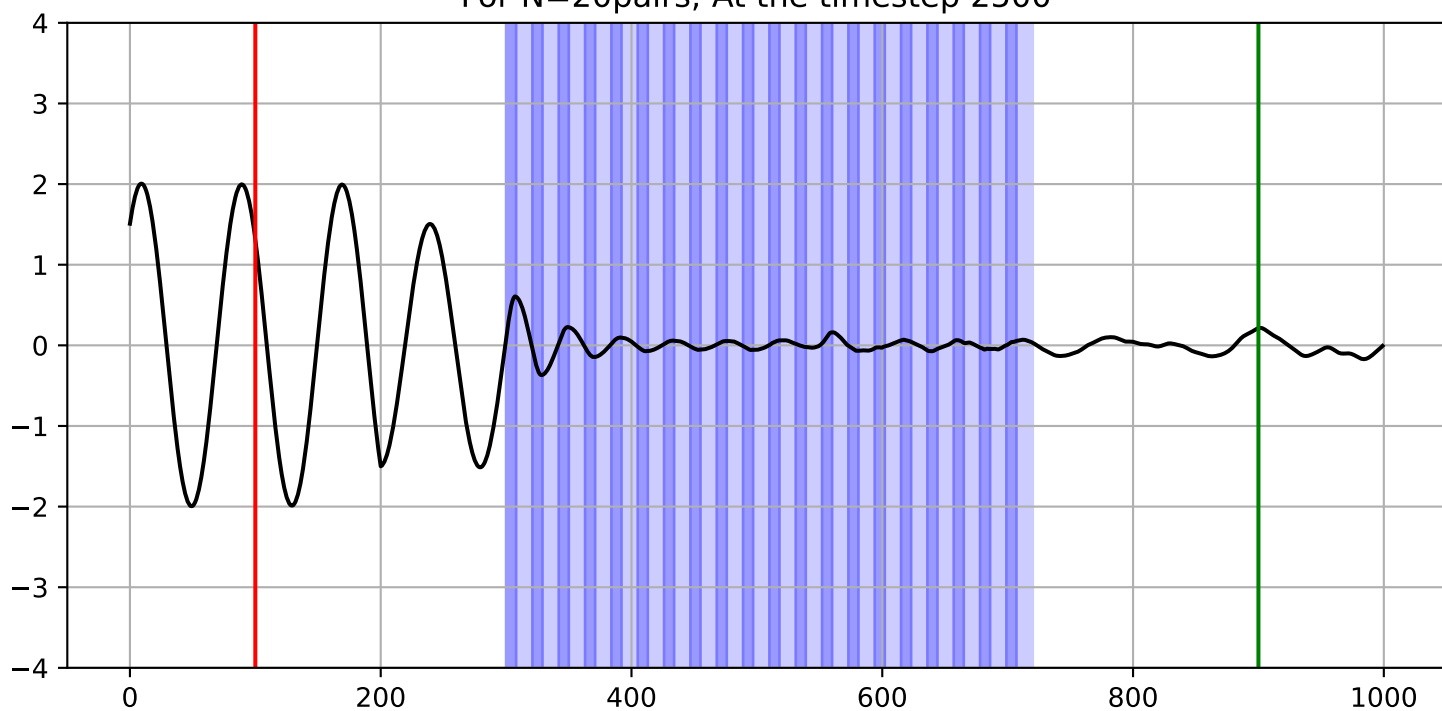
E[100]; At timestep 2450



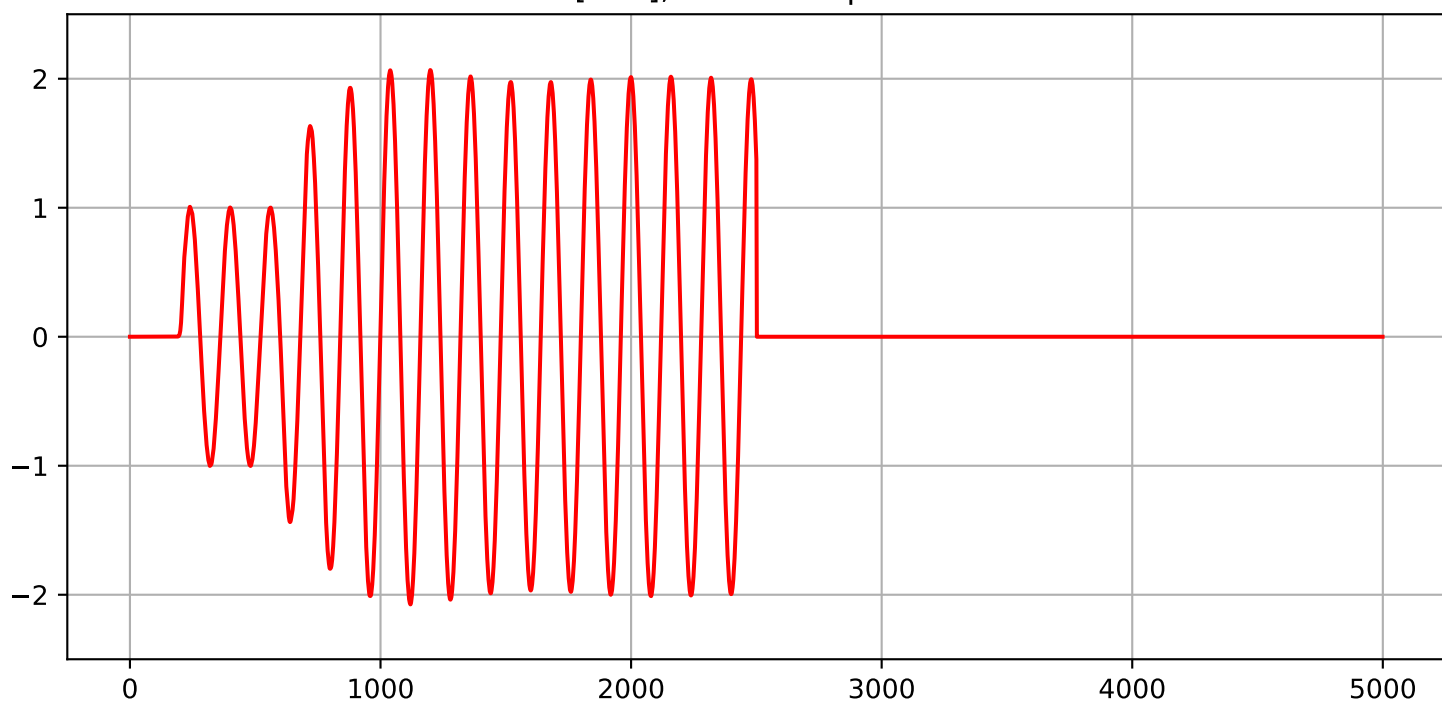
E[trans_probe]; At timestep 2450



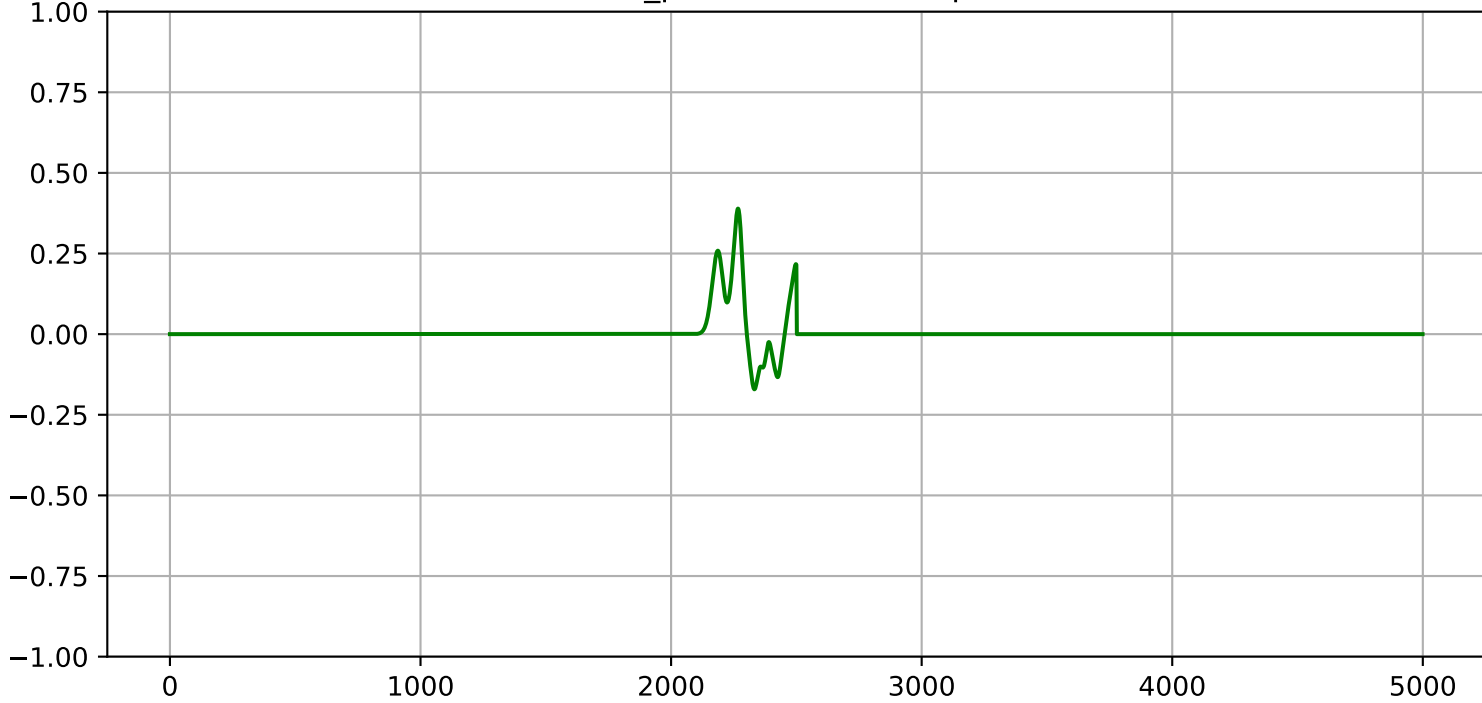
For N=20pairs; At the timestep 2500



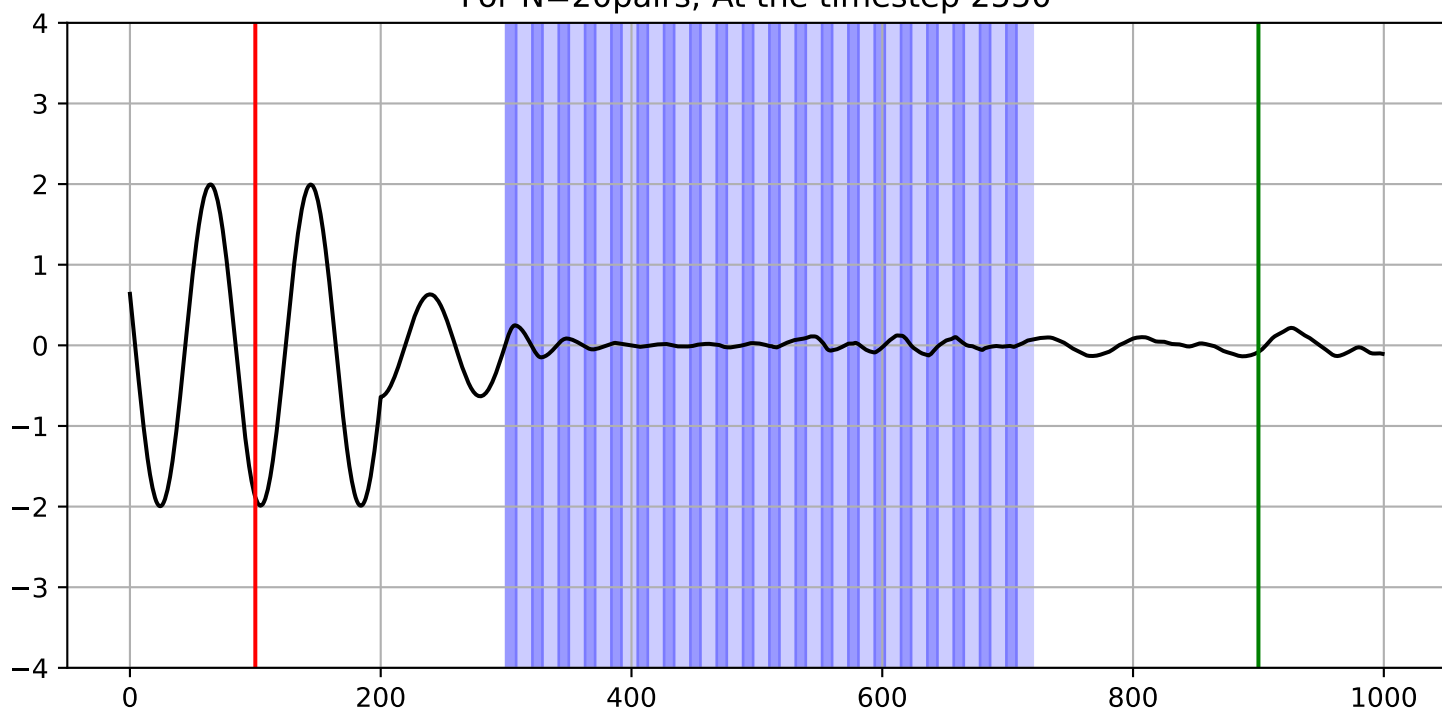
E[100]; At timestep 2500



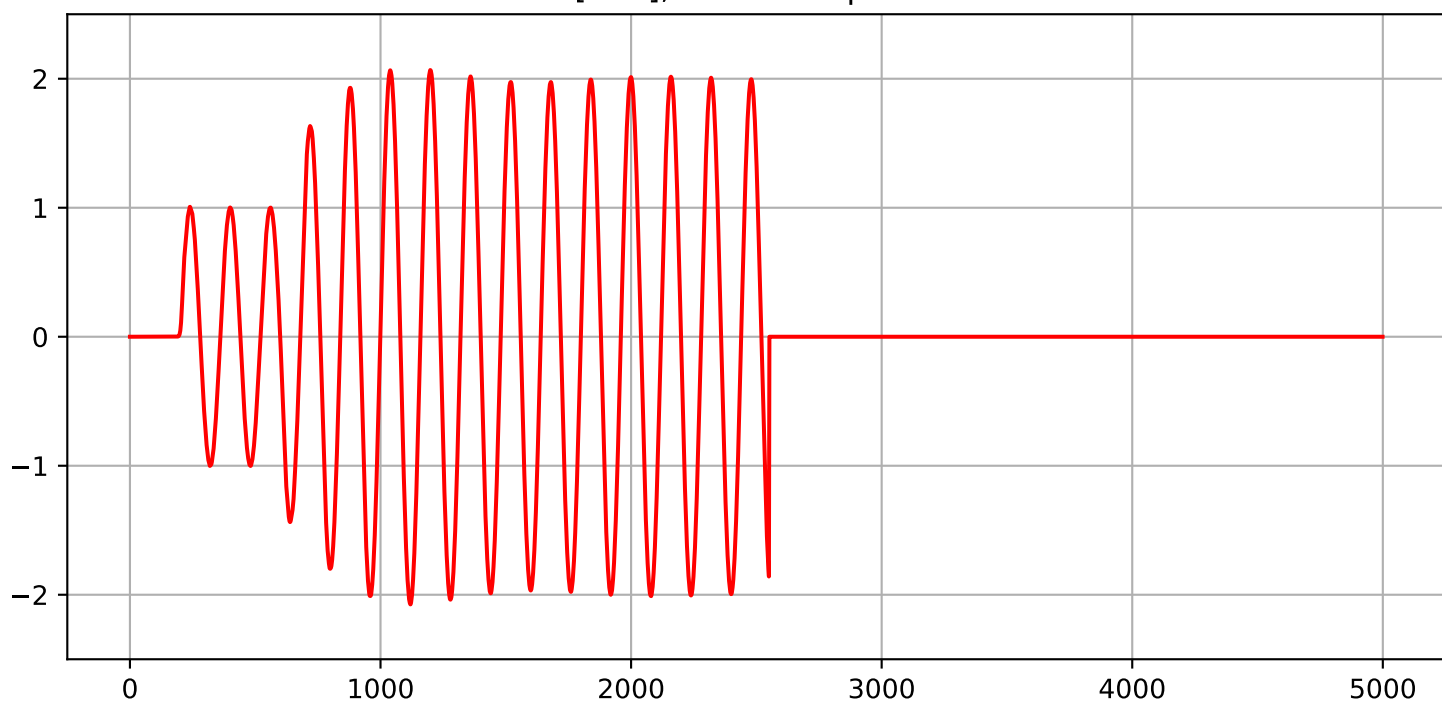
E[trans_probe]; At timestep 2500



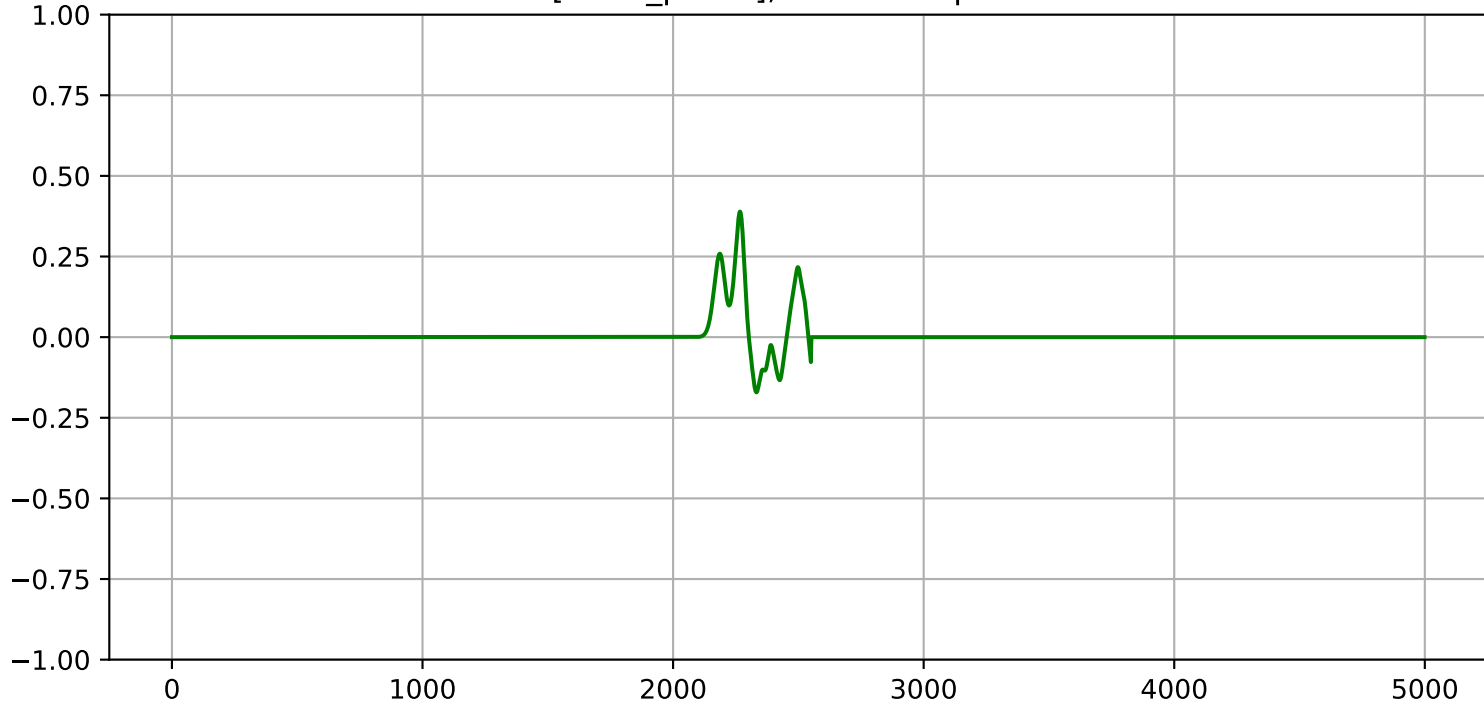
For N=20pairs; At the timestep 2550



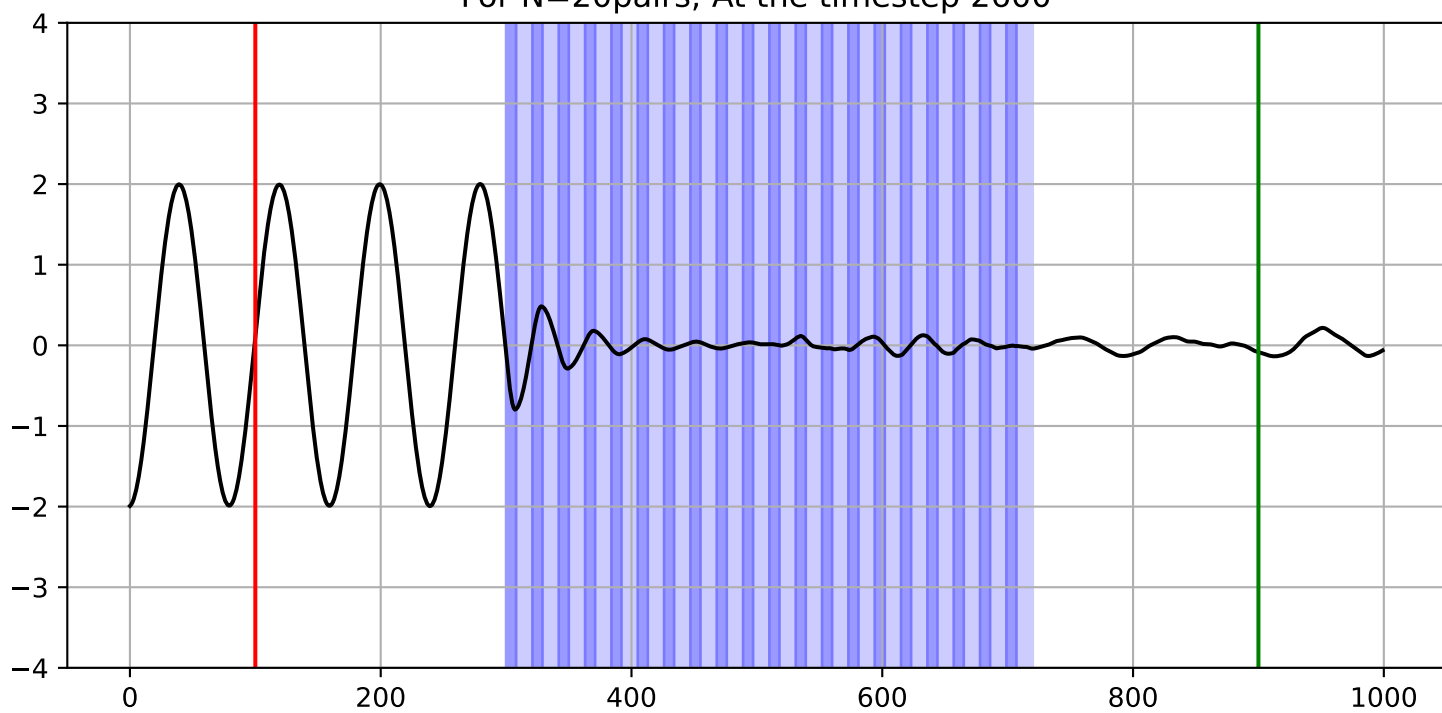
E[100]; At timestep 2550



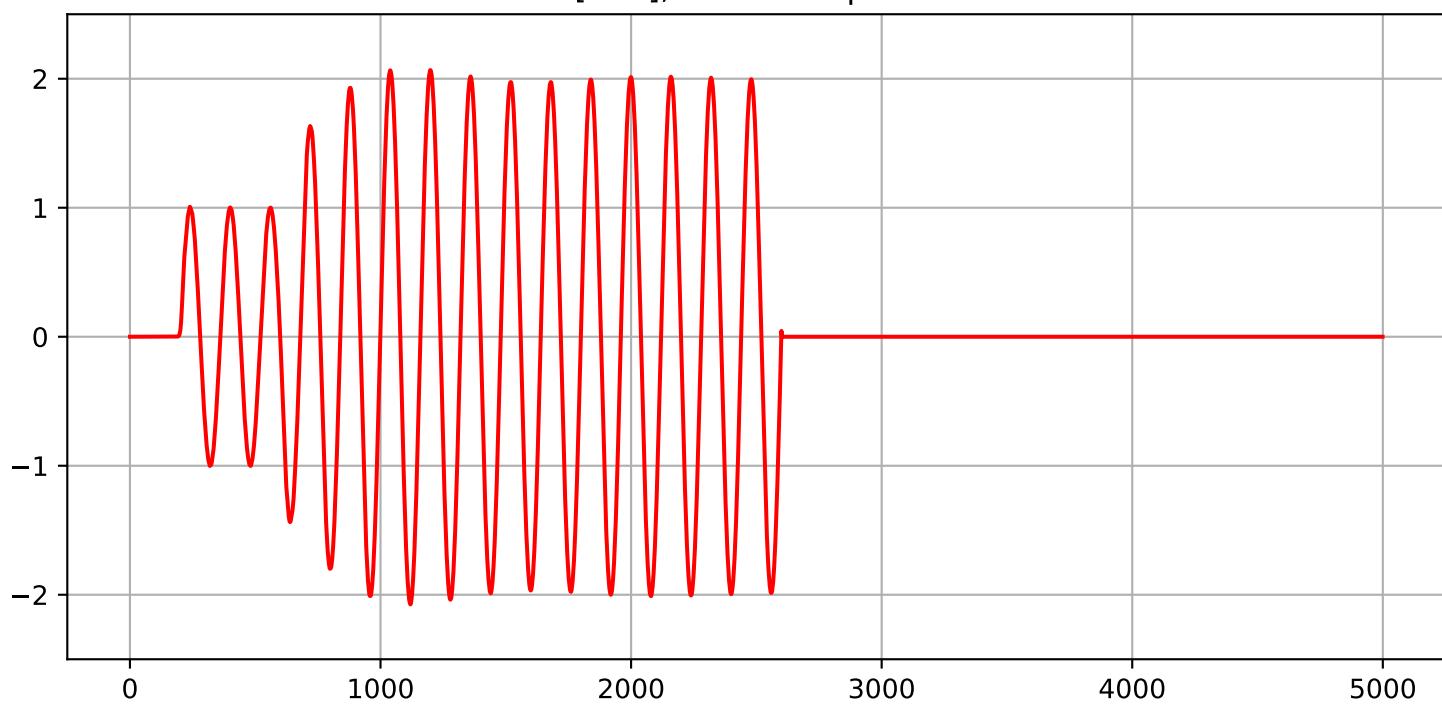
E[trans_probe]; At timestep 2550



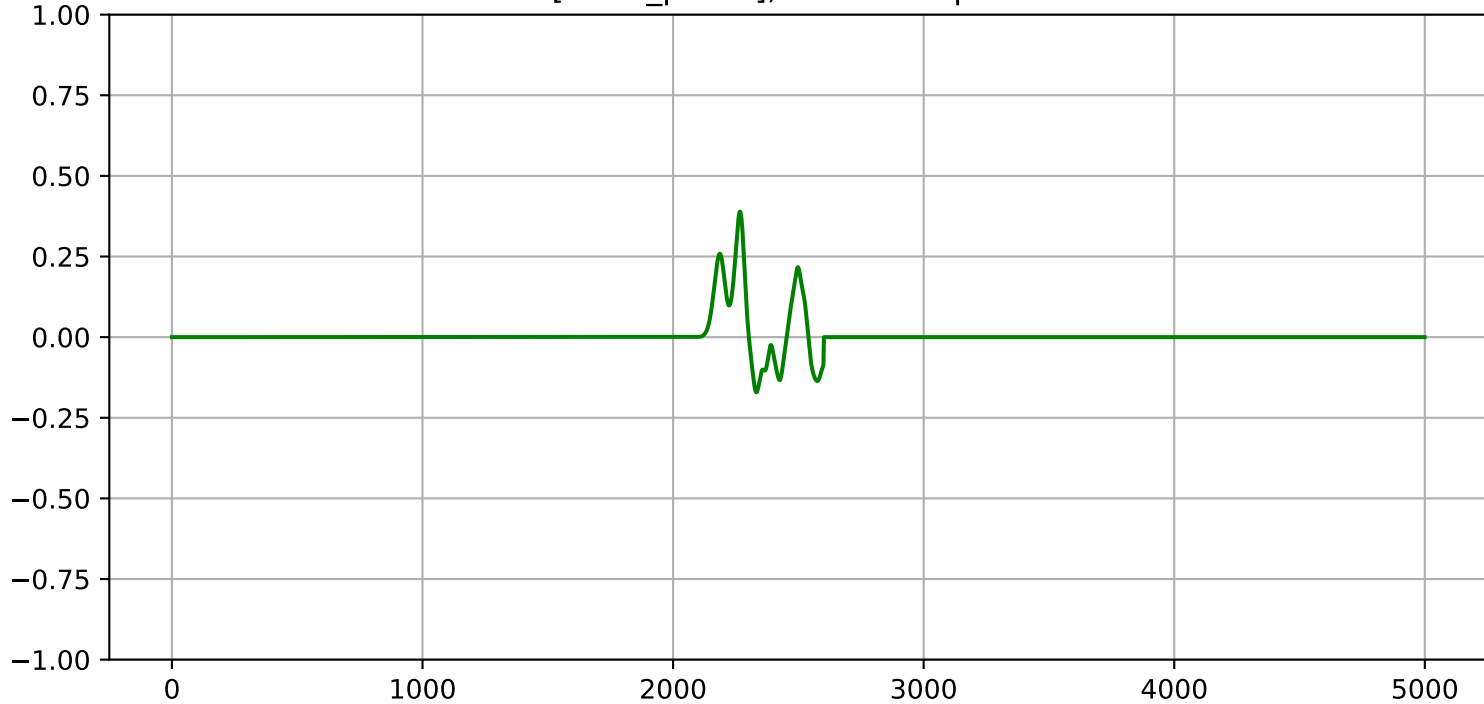
For N=20pairs; At the timestep 2600



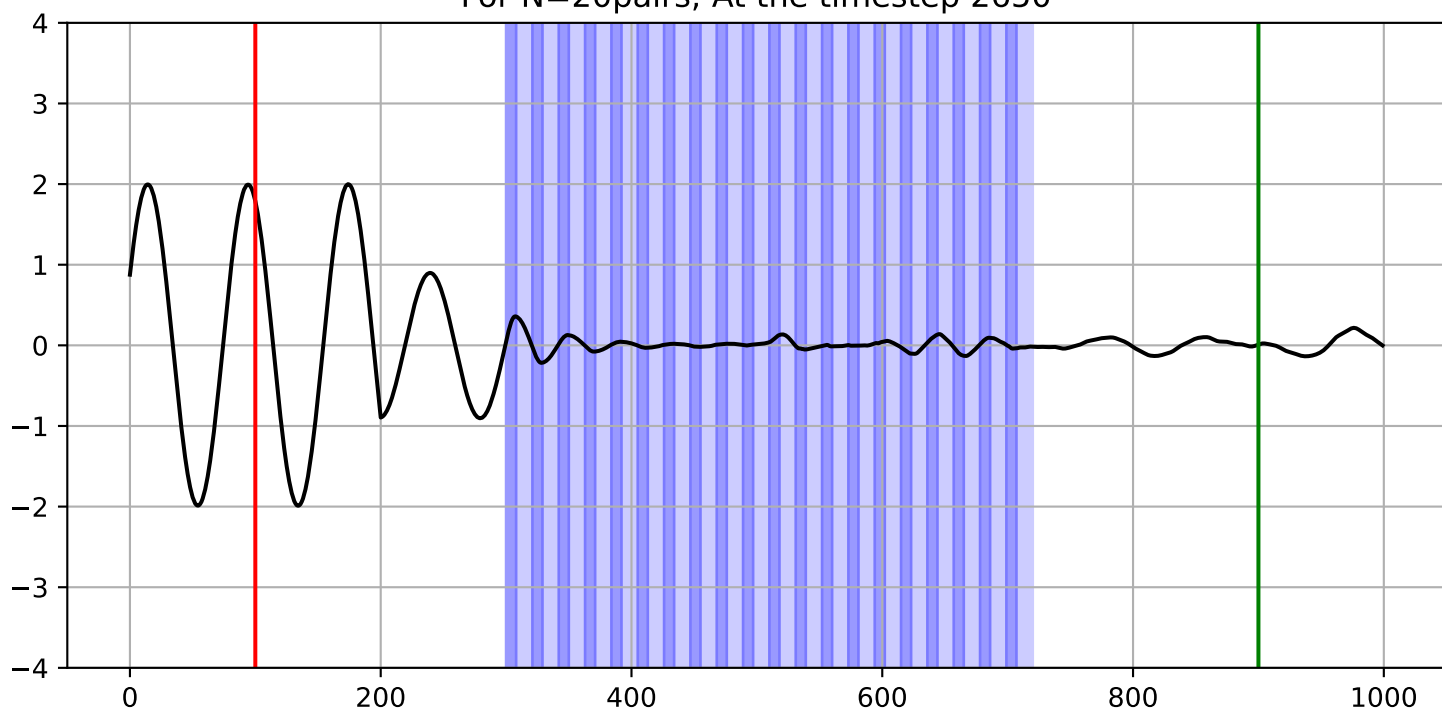
E[100]; At timestep 2600



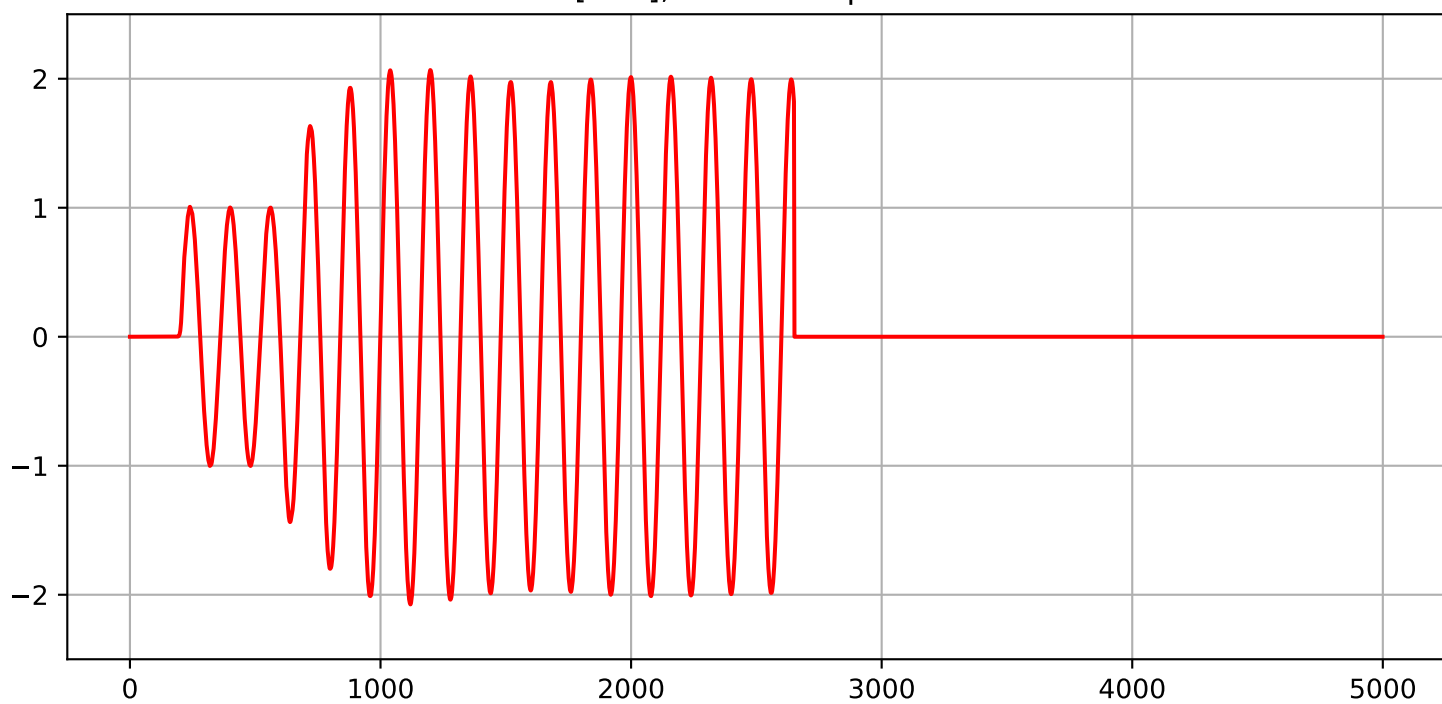
E[trans_probe]; At timestep 2600



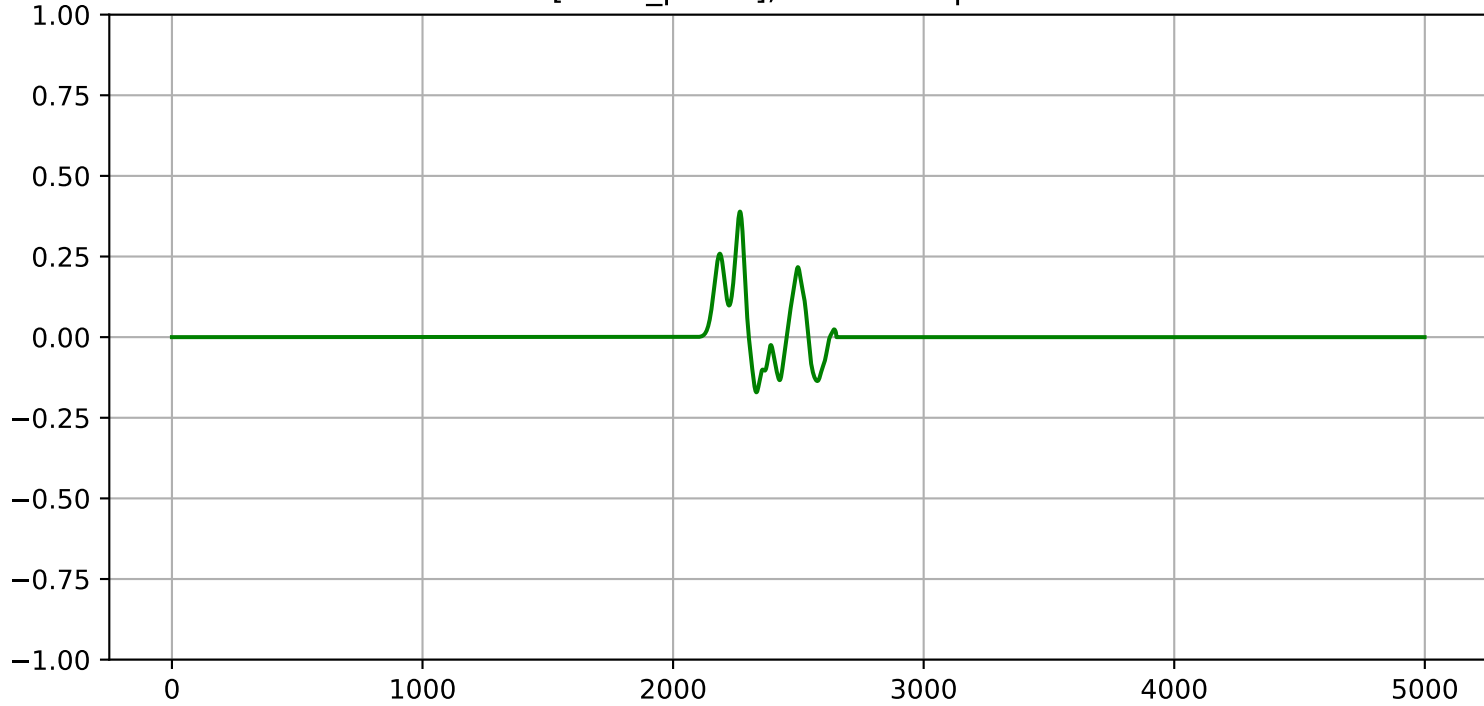
For N=20pairs; At the timestep 2650



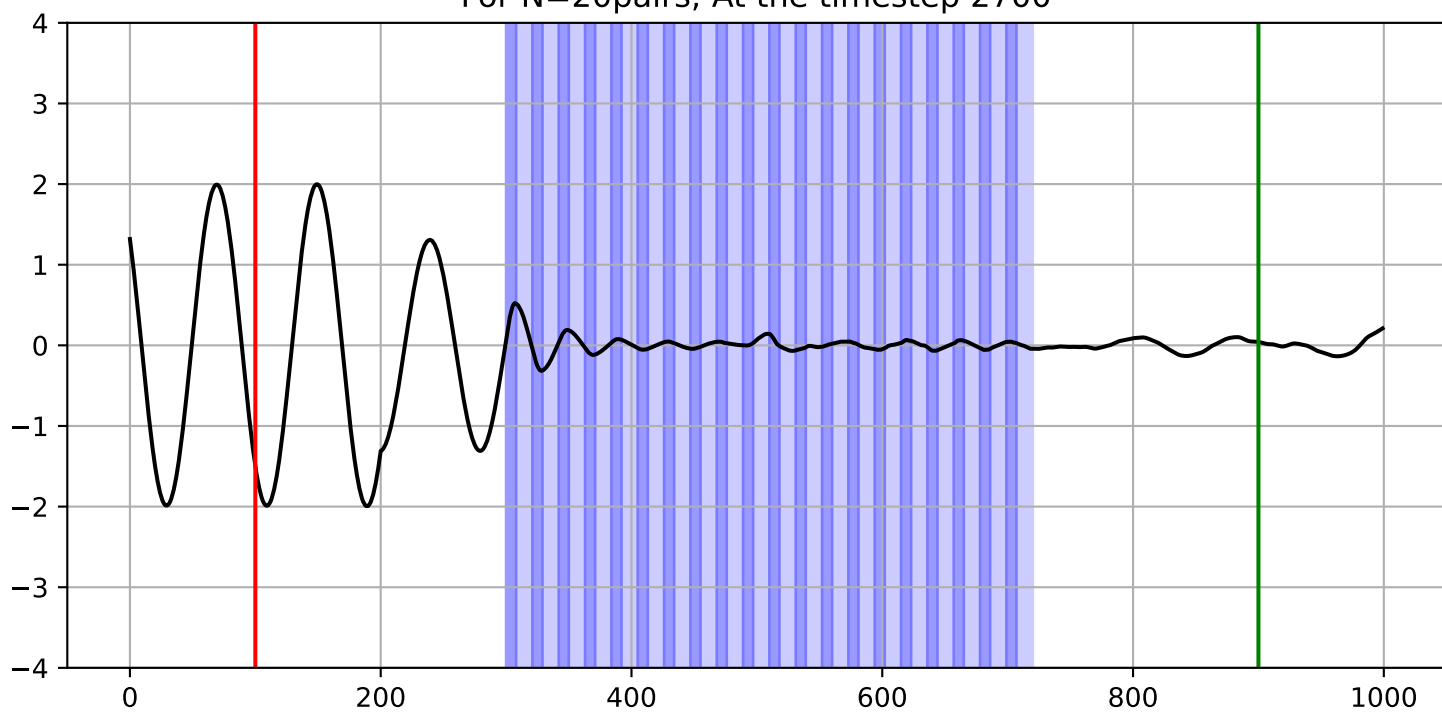
E[100]; At timestep 2650



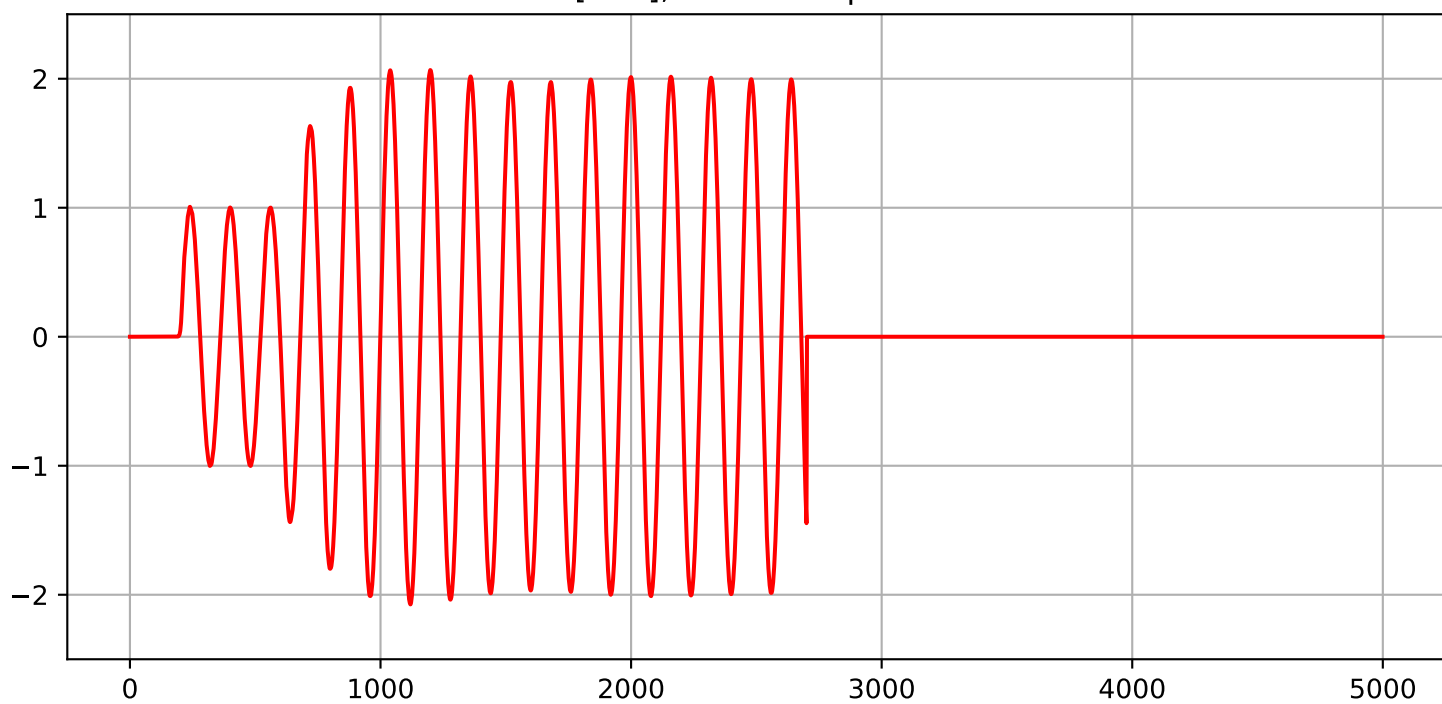
E[trans_probe]; At timestep 2650



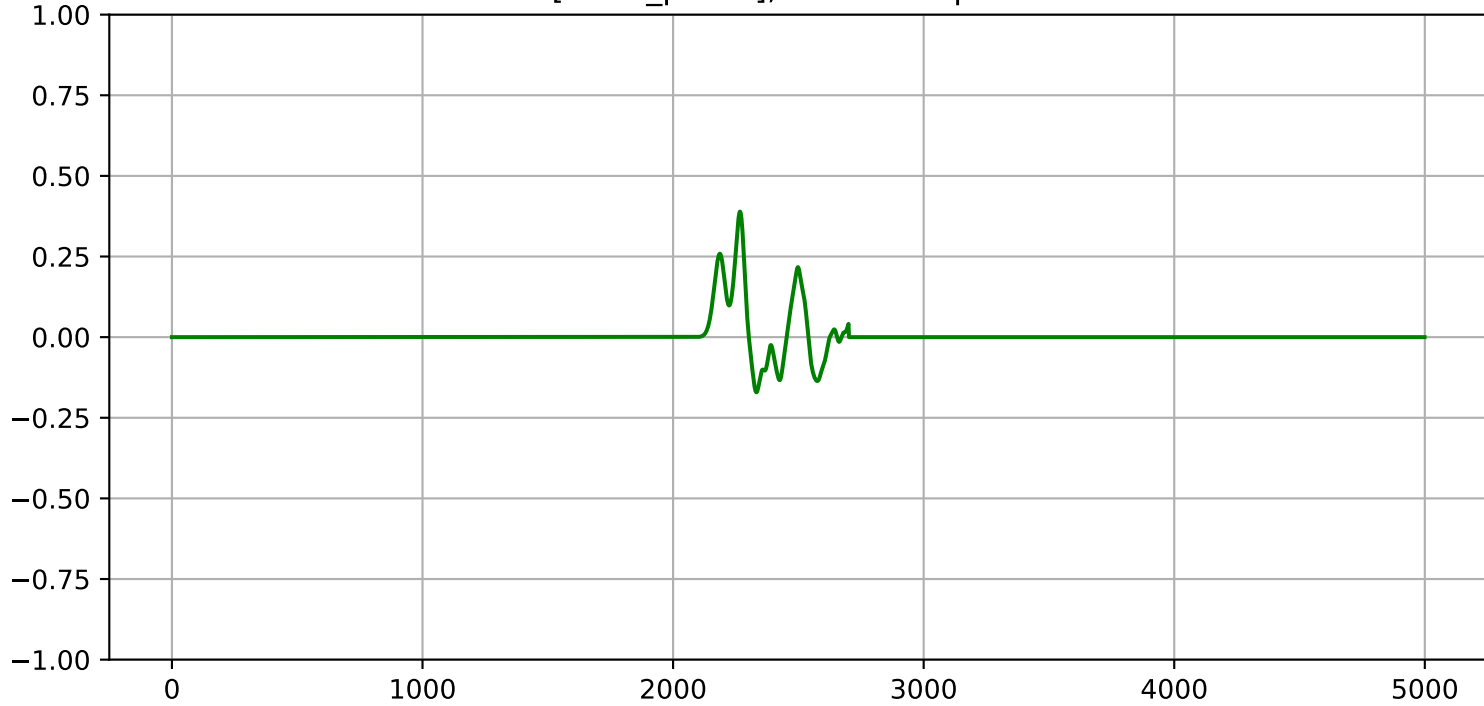
For N=20pairs; At the timestep 2700



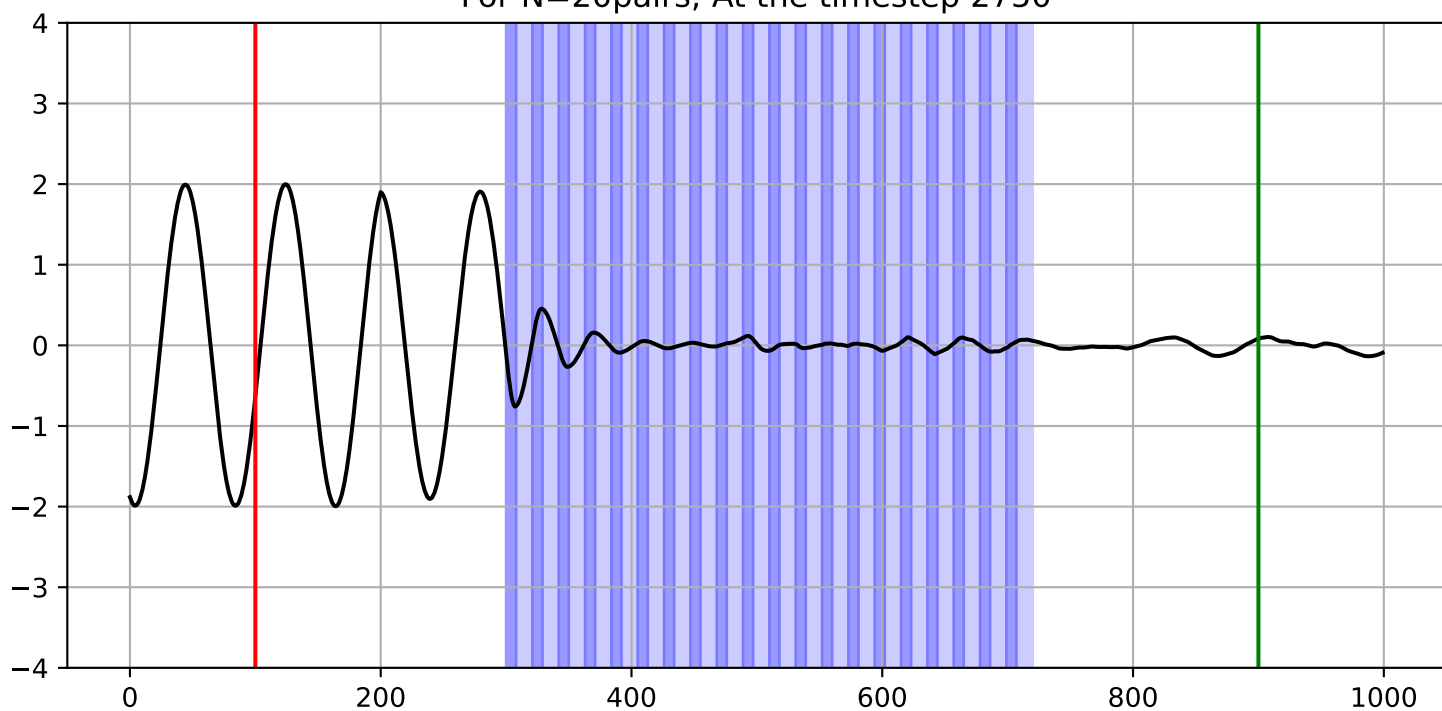
E[100]; At timestep 2700



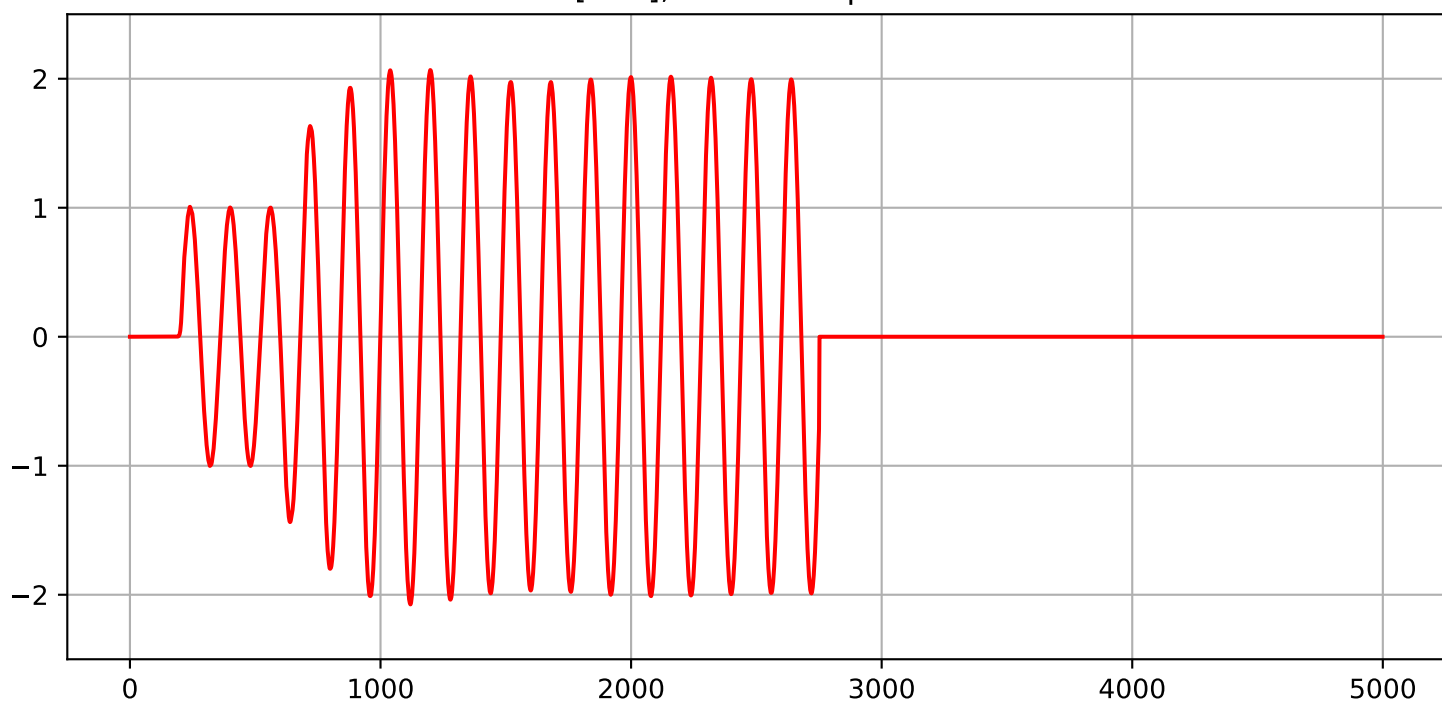
E[trans_probe]; At timestep 2700



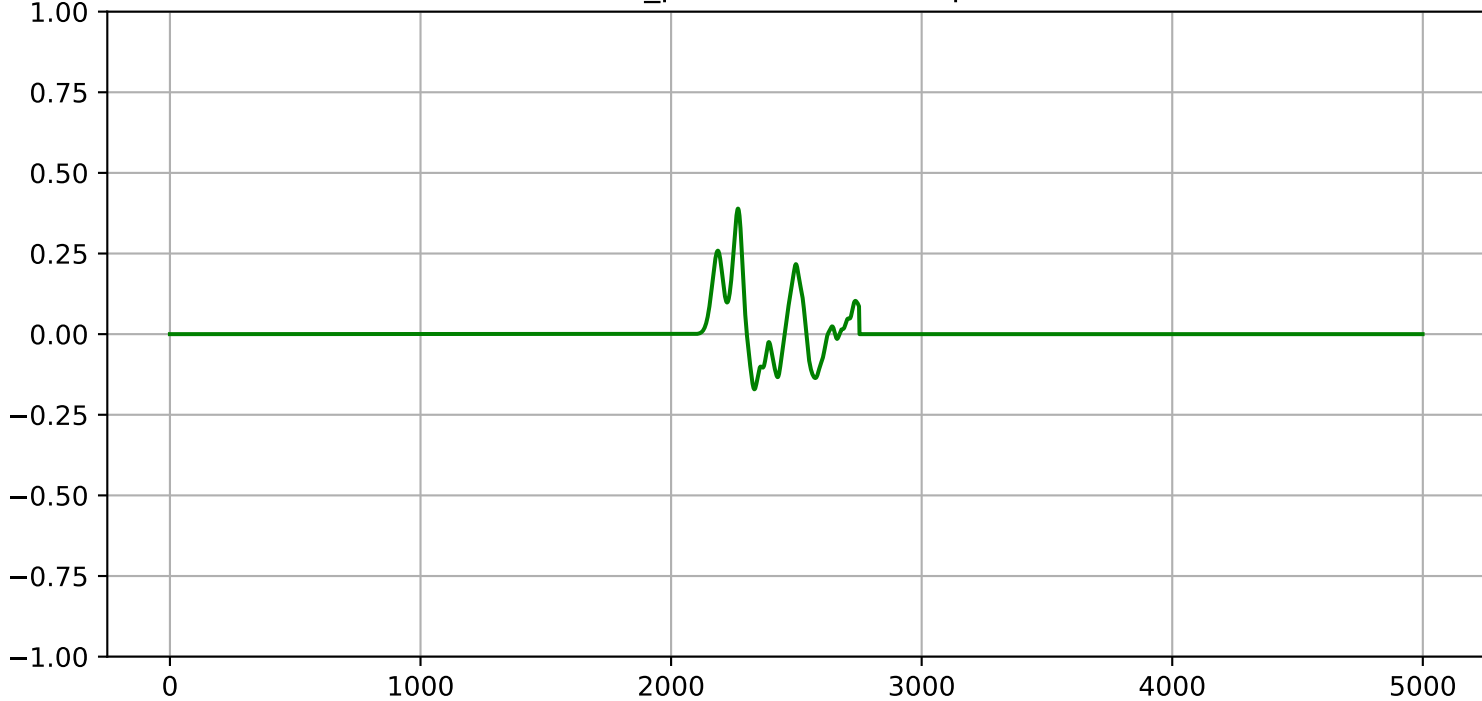
For N=20pairs; At the timestep 2750



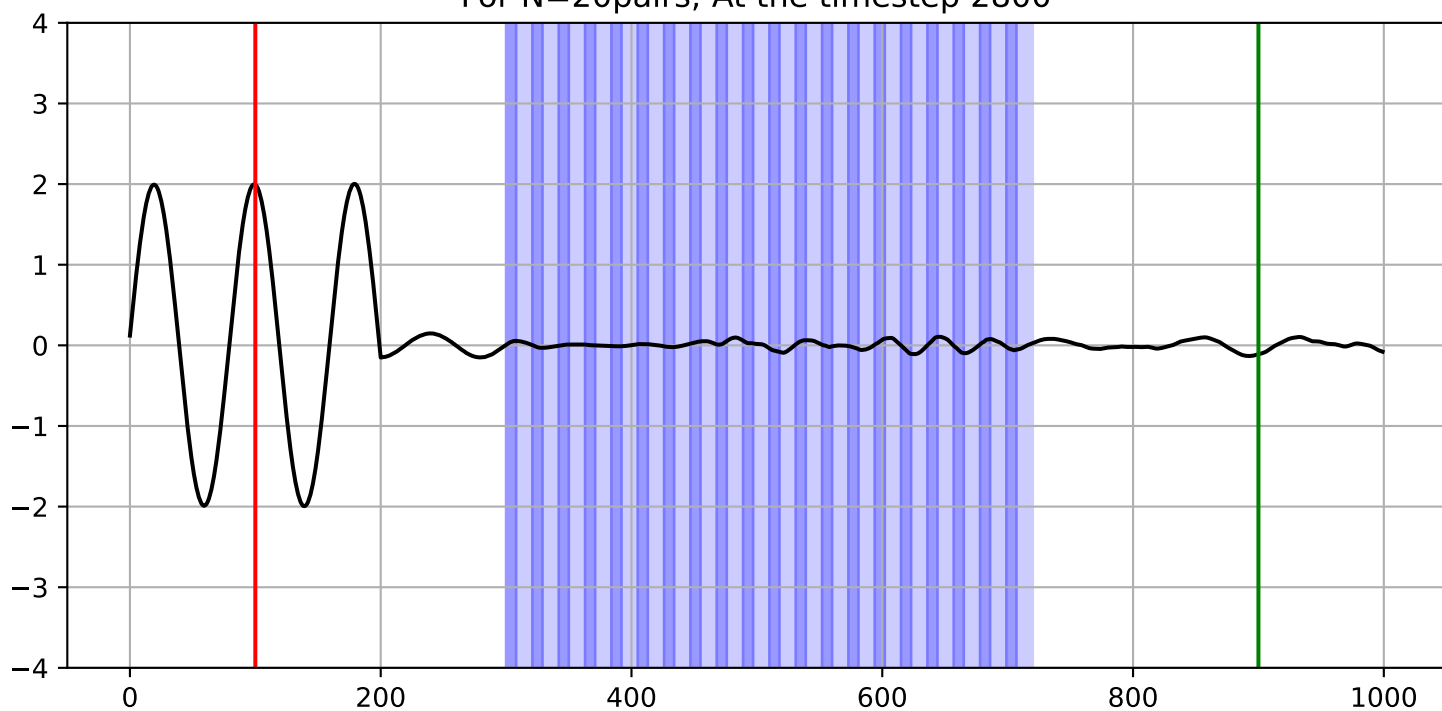
E[100]; At timestep 2750



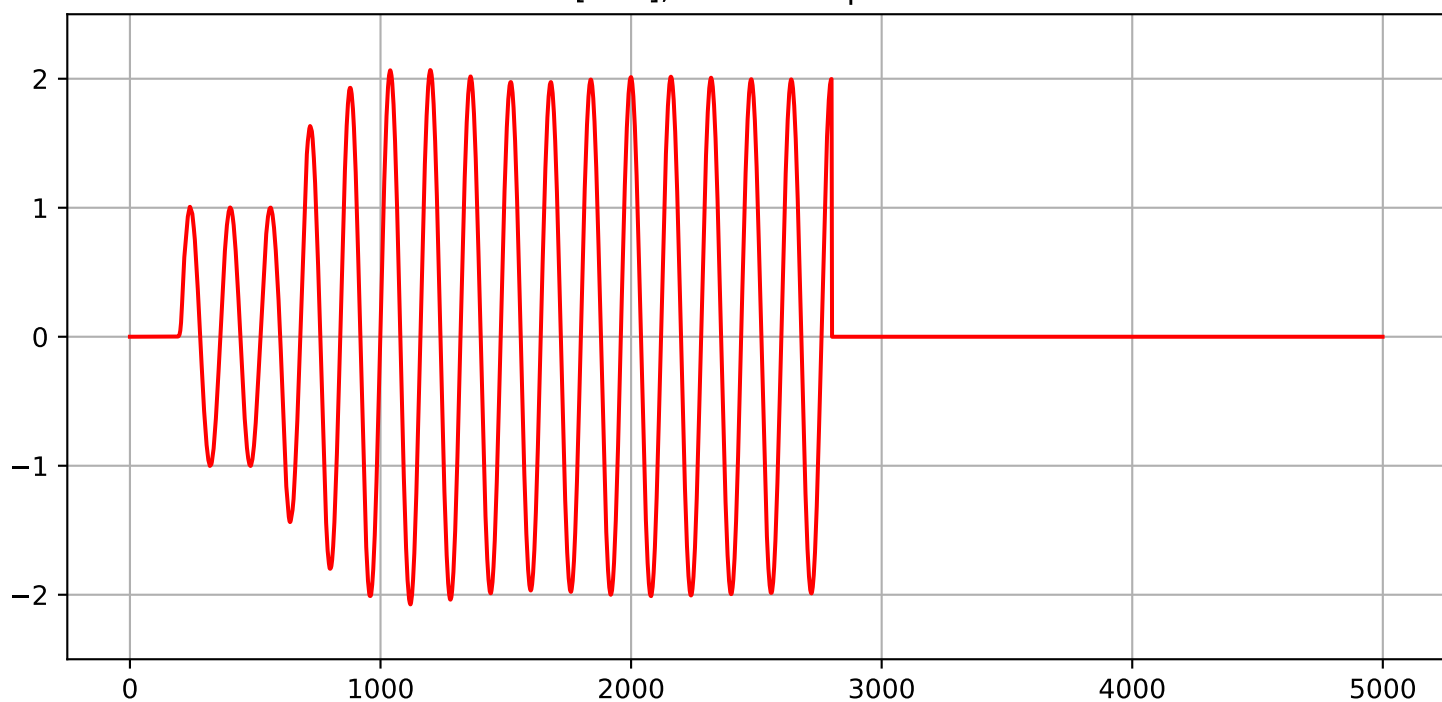
E[trans_probe]; At timestep 2750



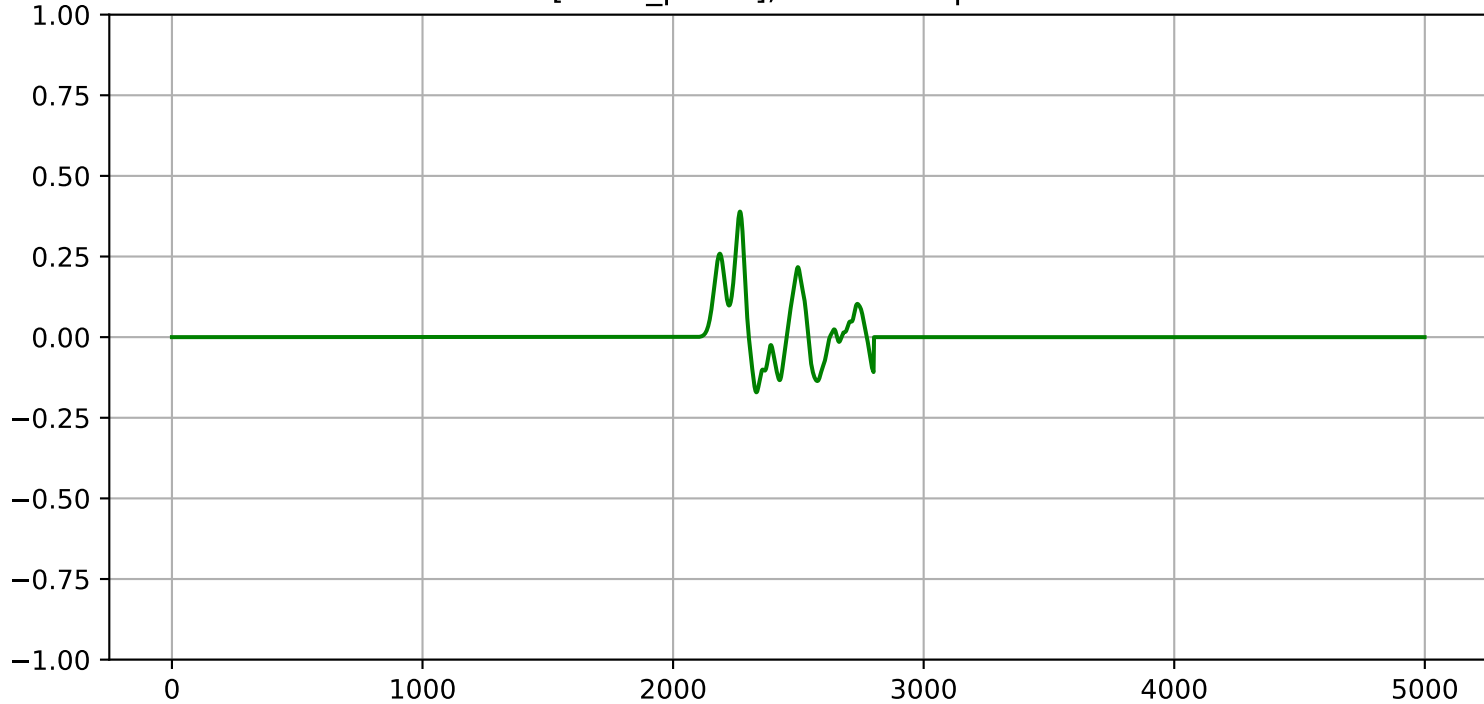
For N=20pairs; At the timestep 2800



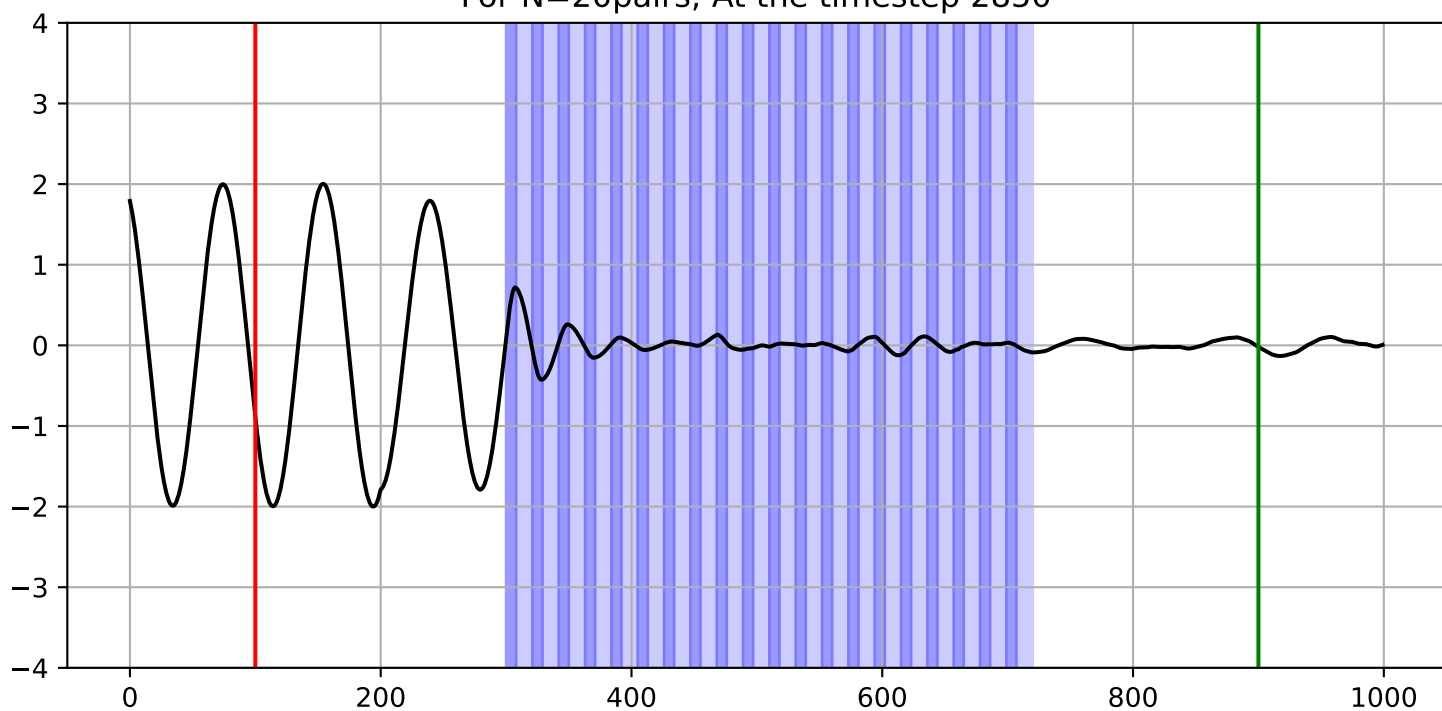
E[100]; At timestep 2800



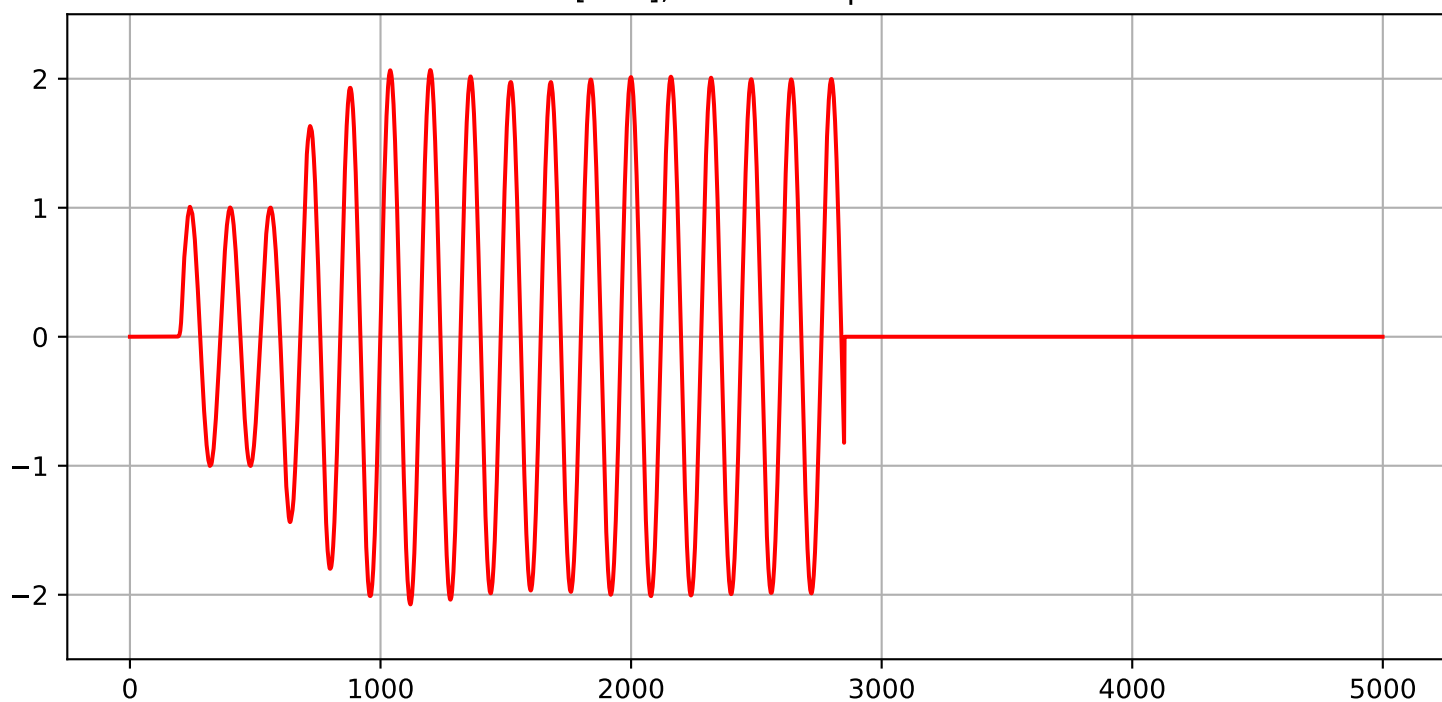
E[trans_probe]; At timestep 2800



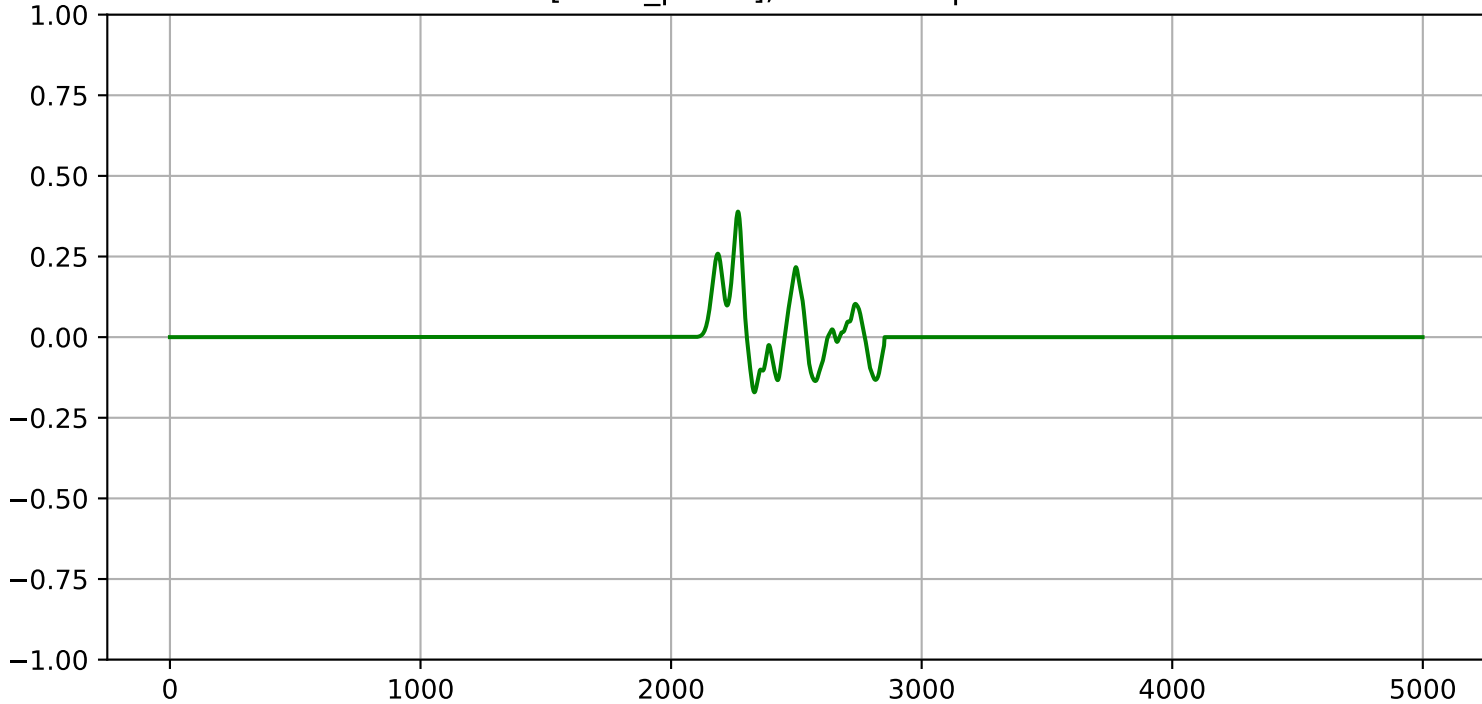
For N=20pairs; At the timestep 2850



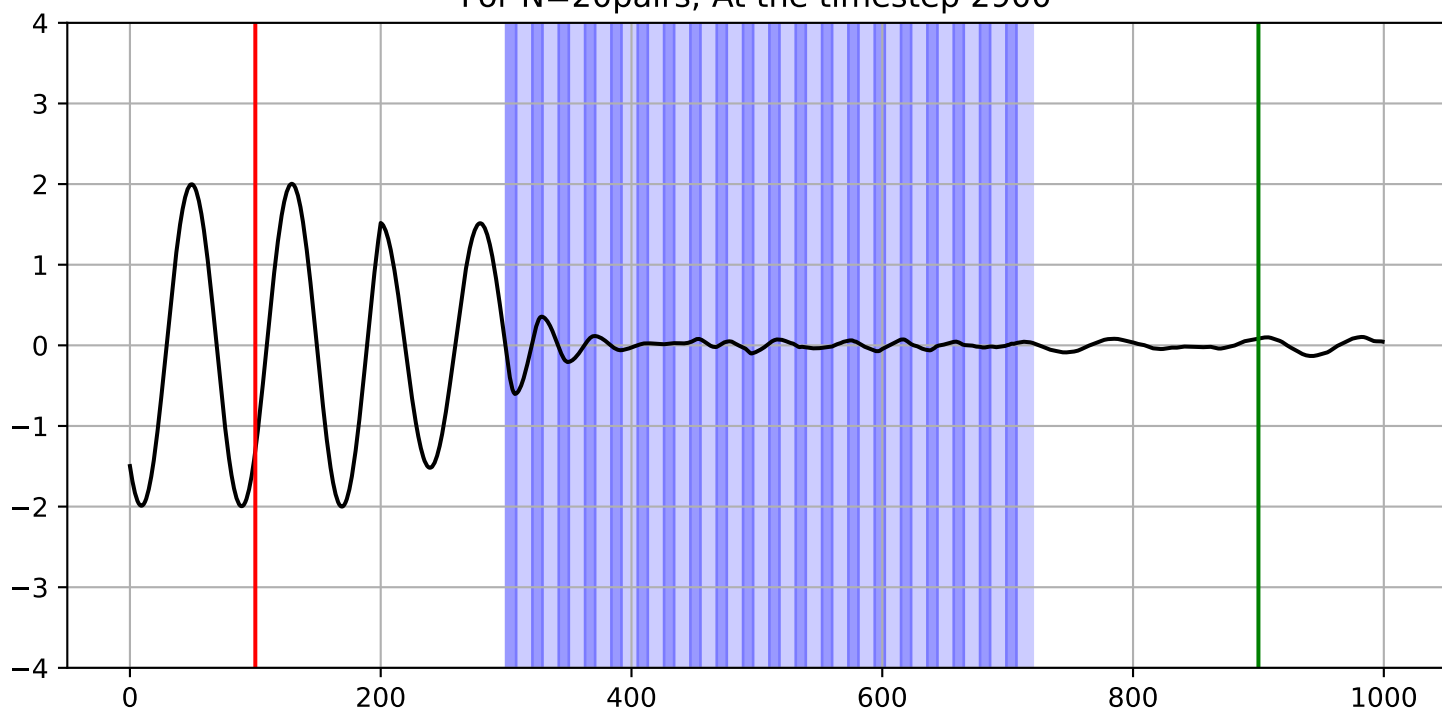
E[100]; At timestep 2850



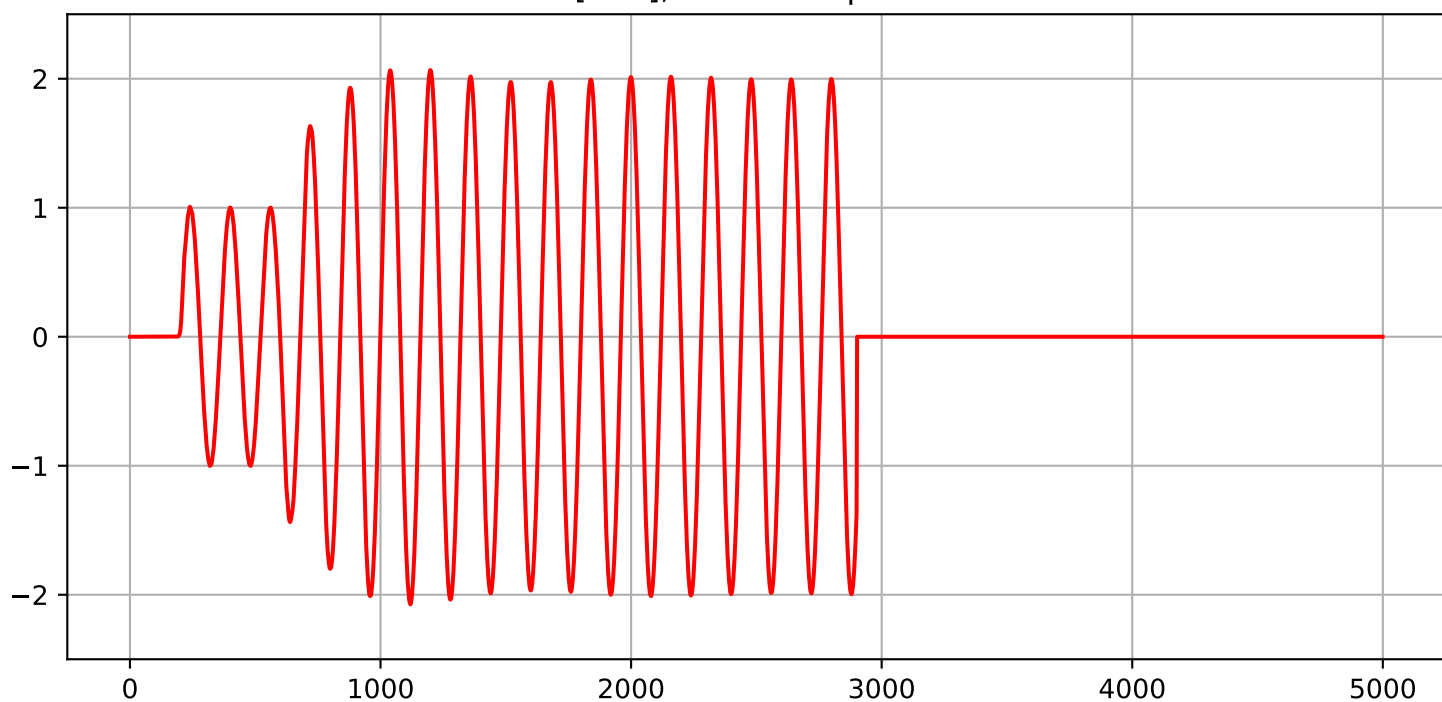
E[trans_probe]; At timestep 2850



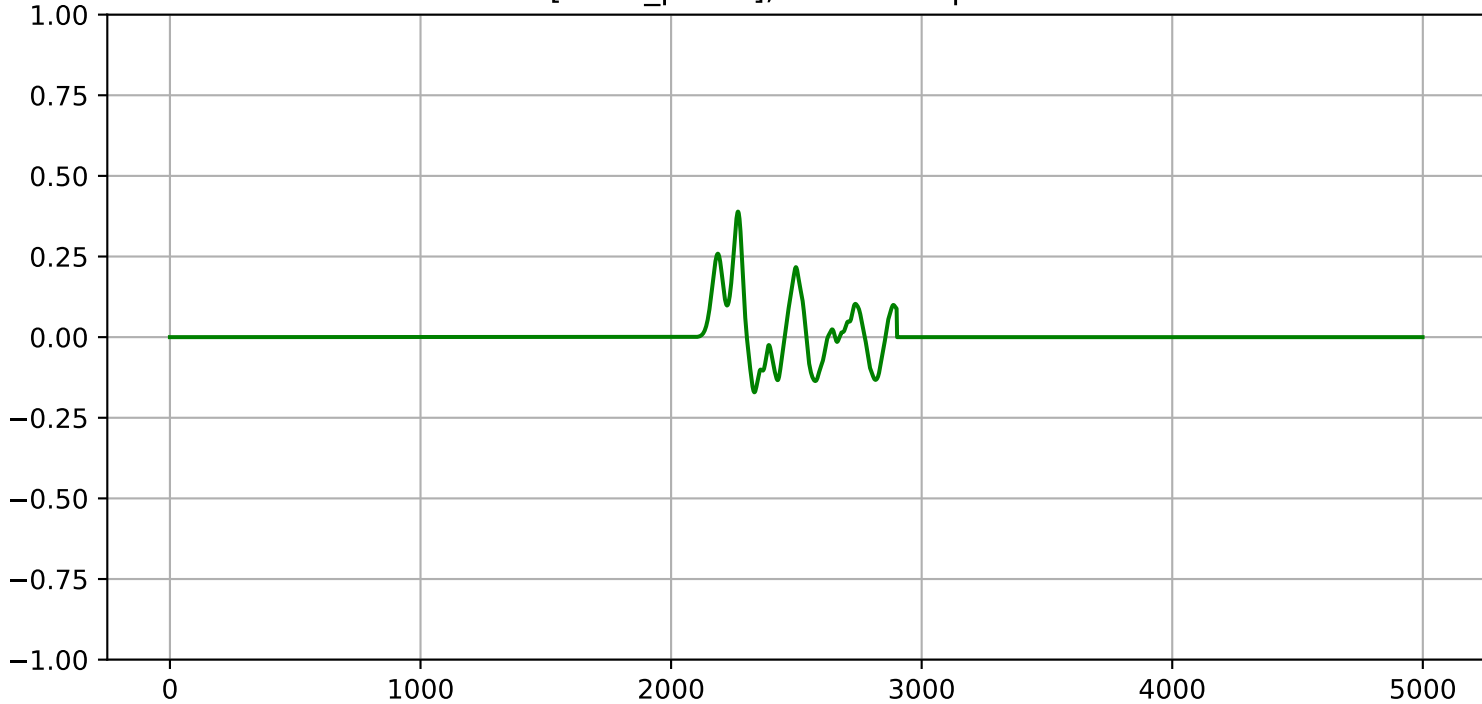
For N=20pairs; At the timestep 2900



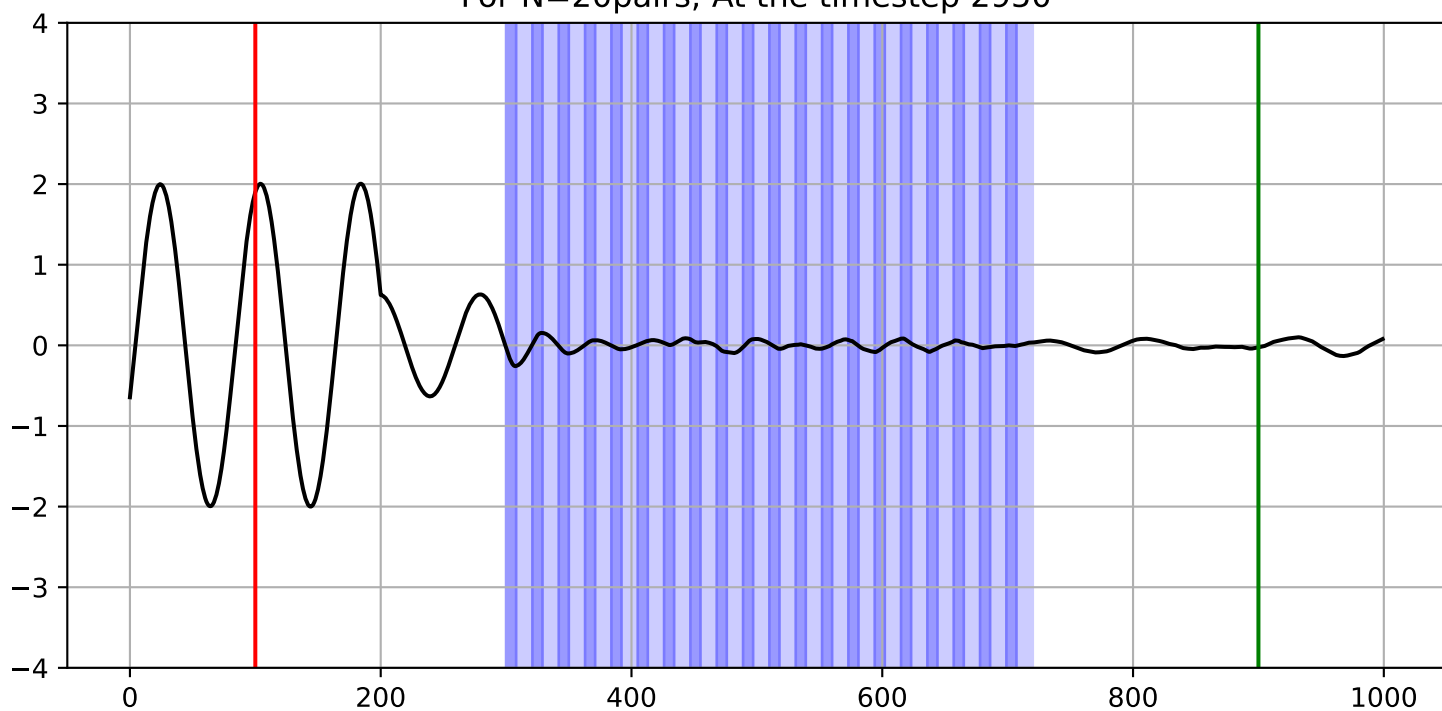
E[100]; At timestep 2900



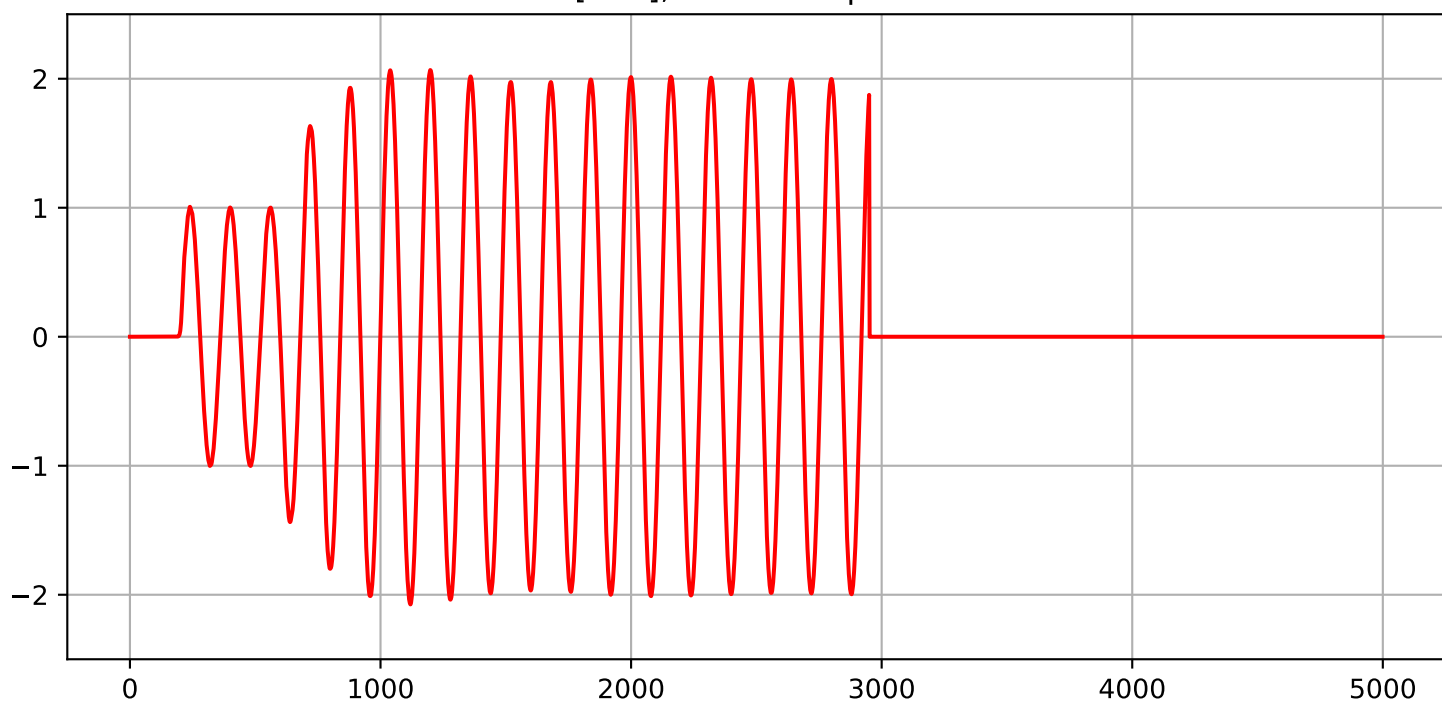
E[trans_probe]; At timestep 2900



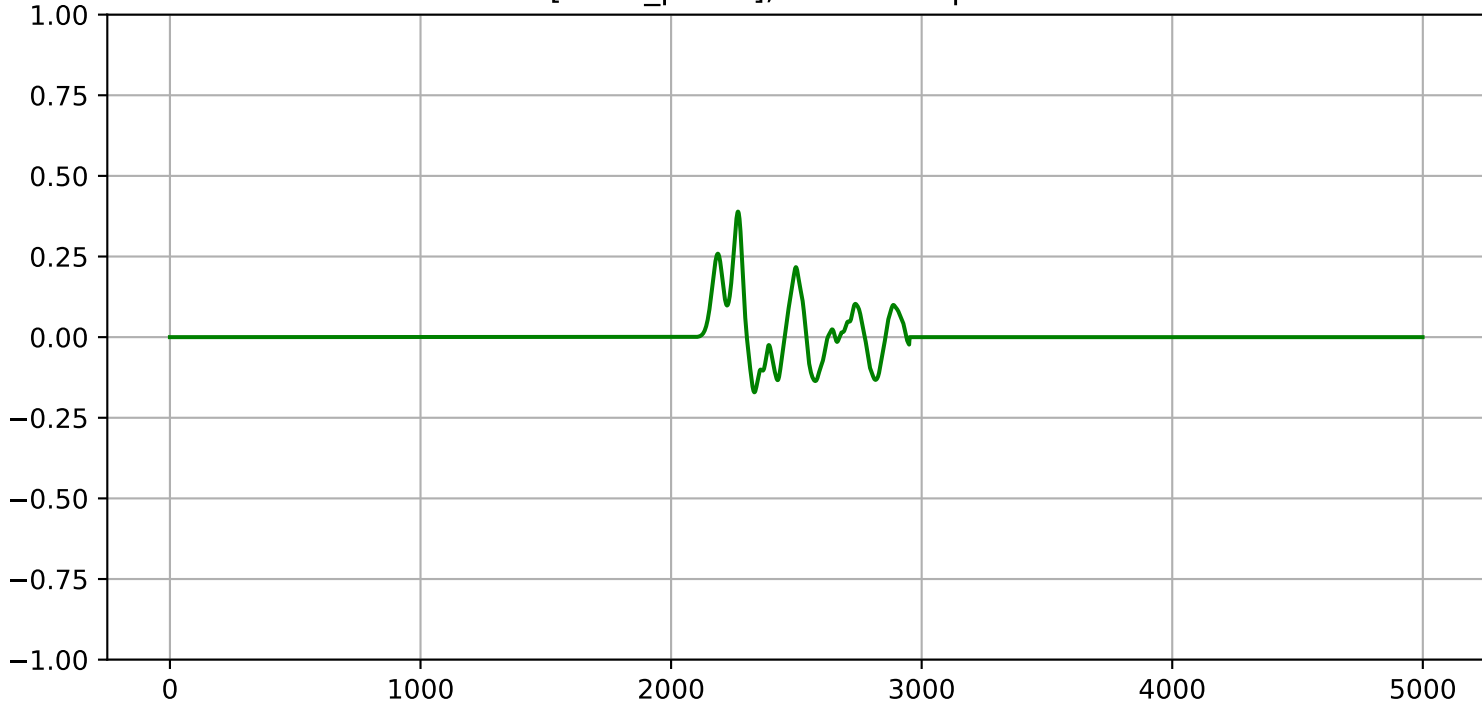
For N=20pairs; At the timestep 2950



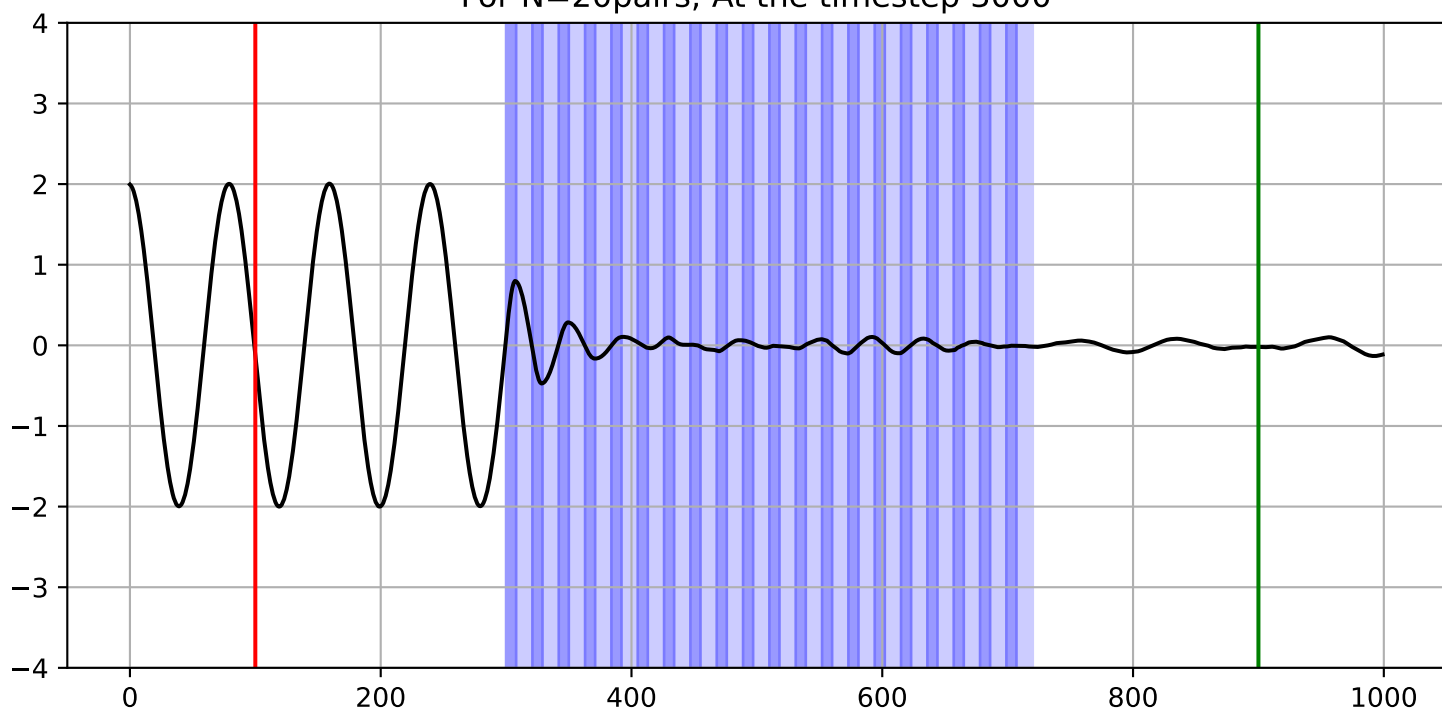
E[100]; At timestep 2950



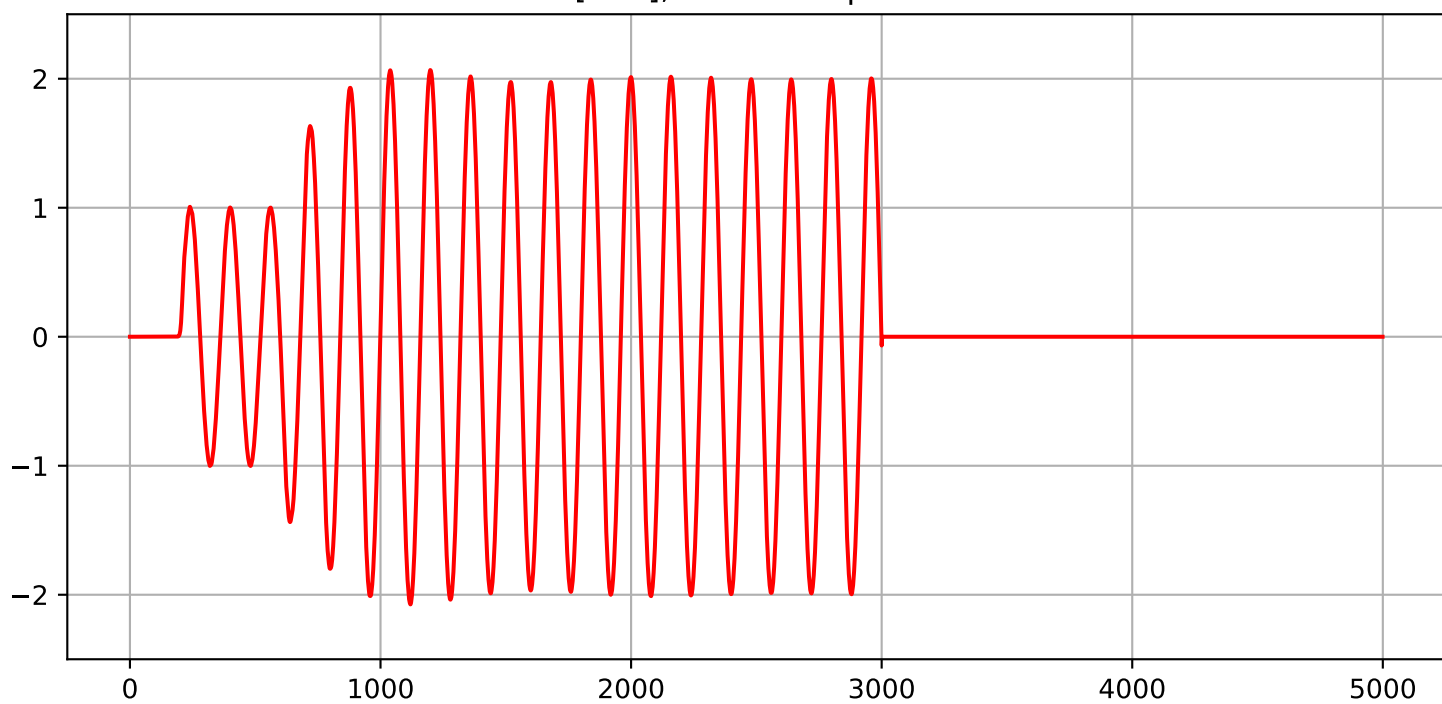
E[trans_probe]; At timestep 2950



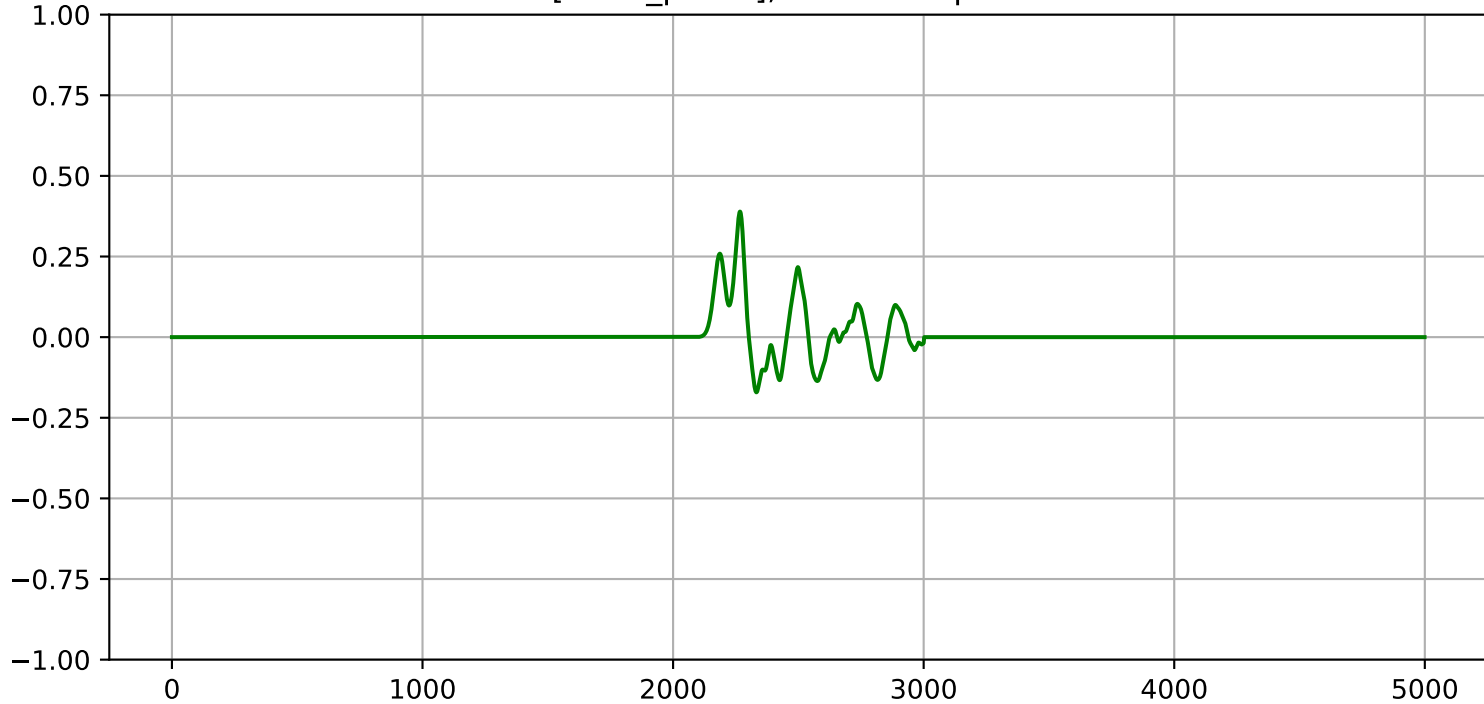
For N=20pairs; At the timestep 3000



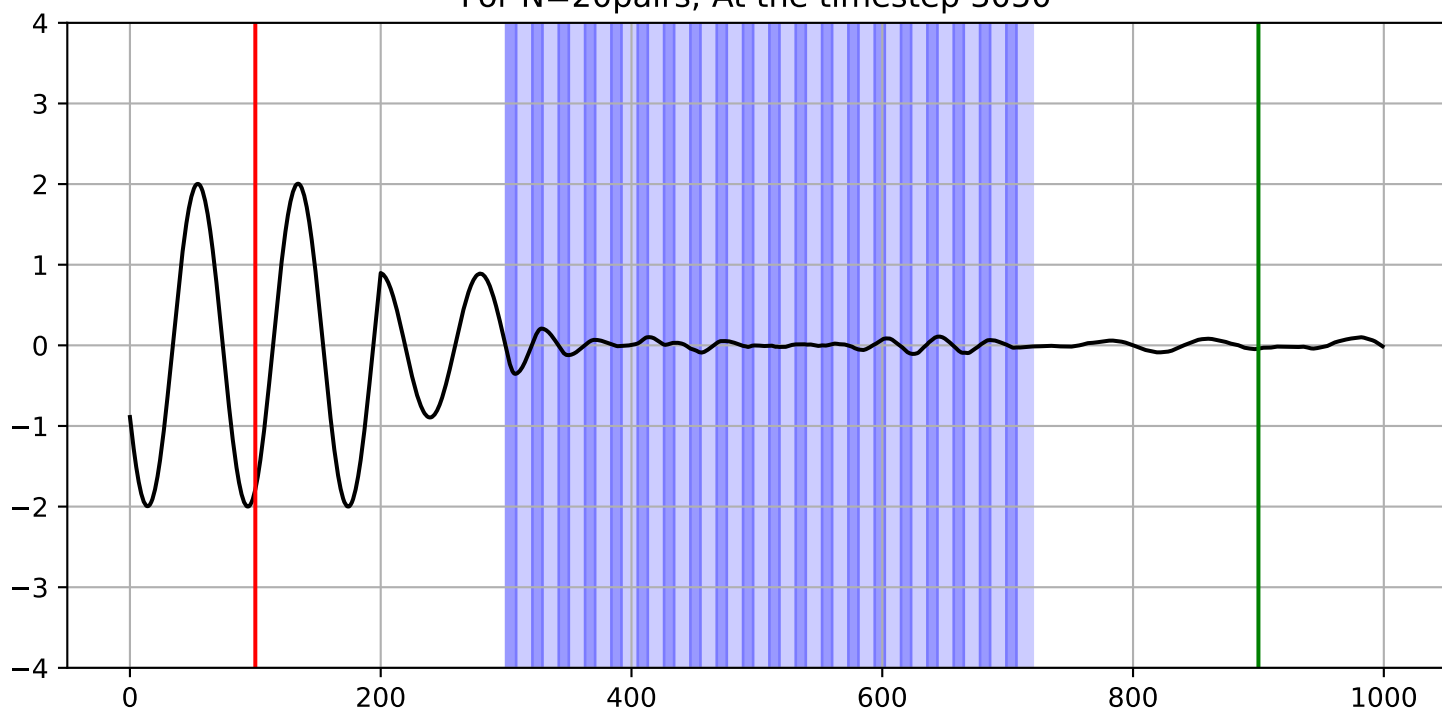
E[100]; At timestep 3000



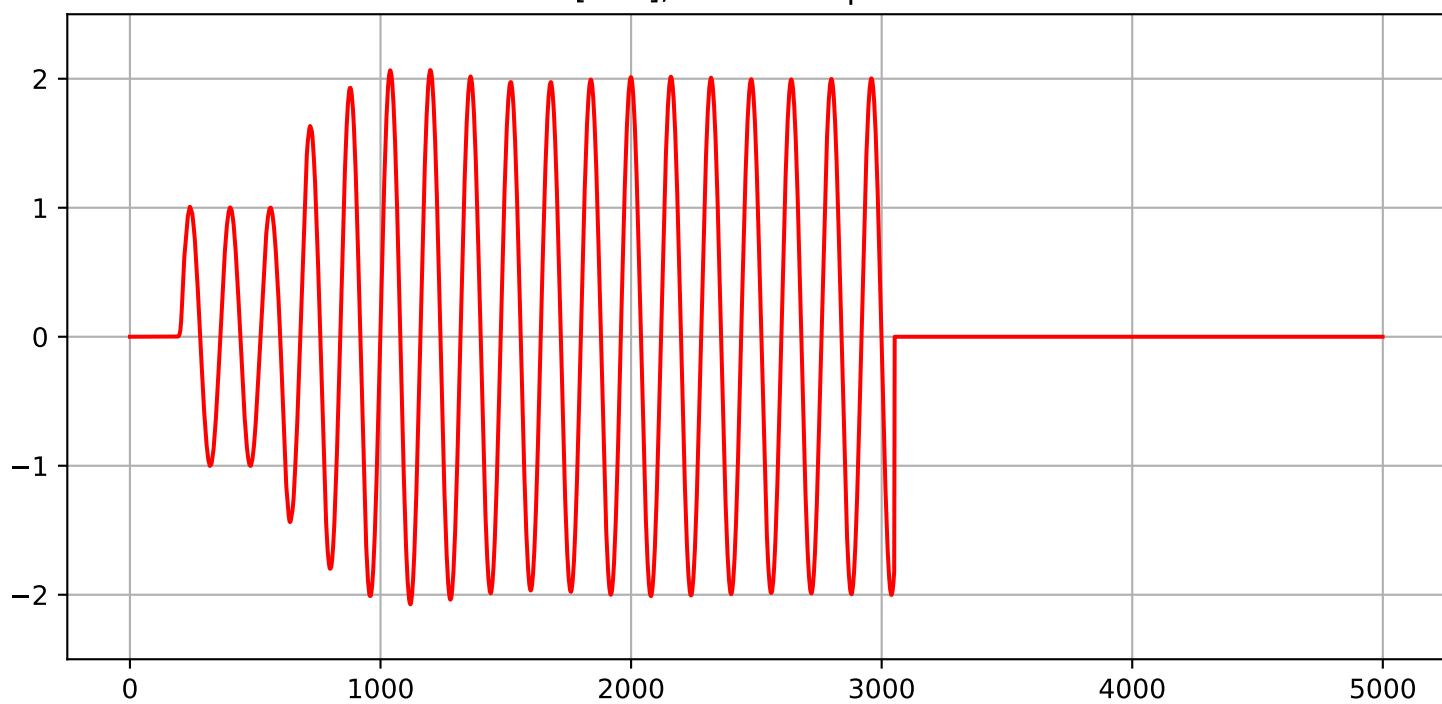
E[trans_probe]; At timestep 3000



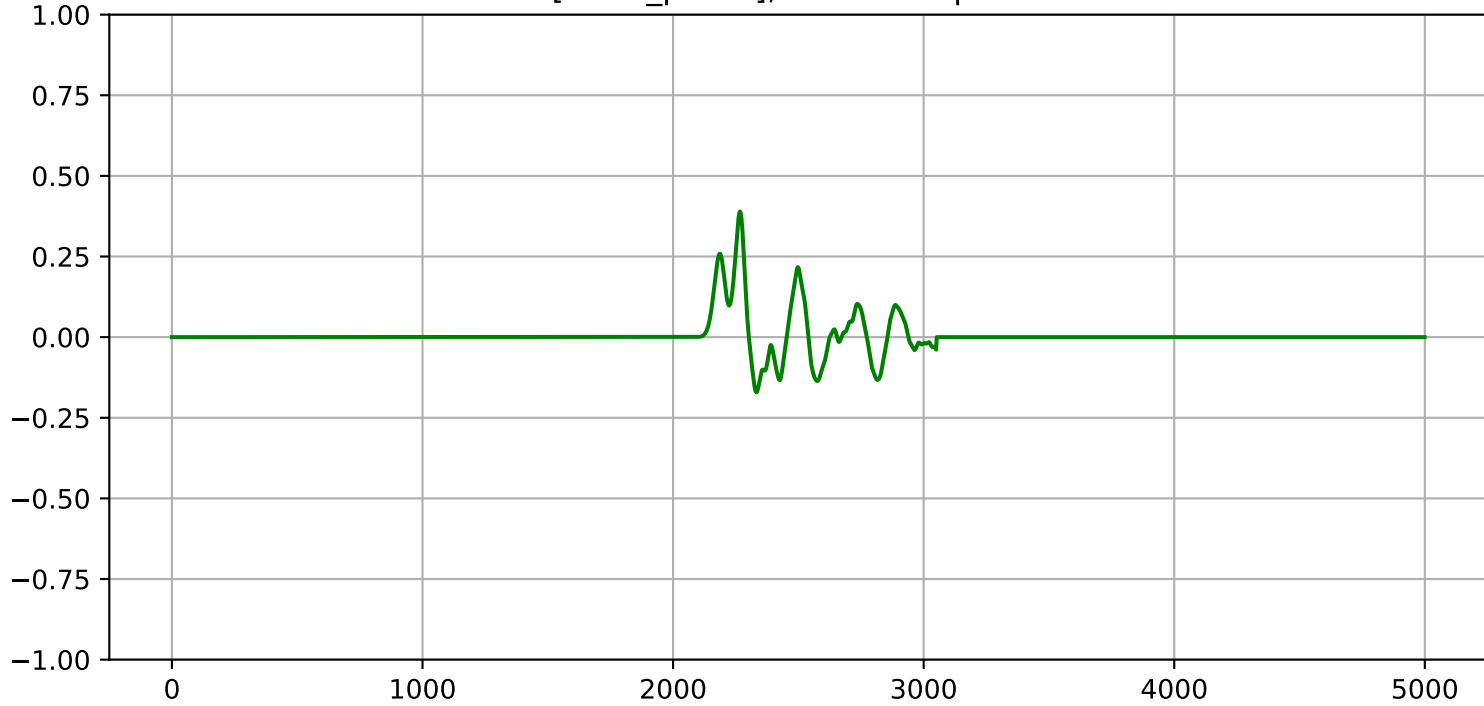
For N=20pairs; At the timestep 3050



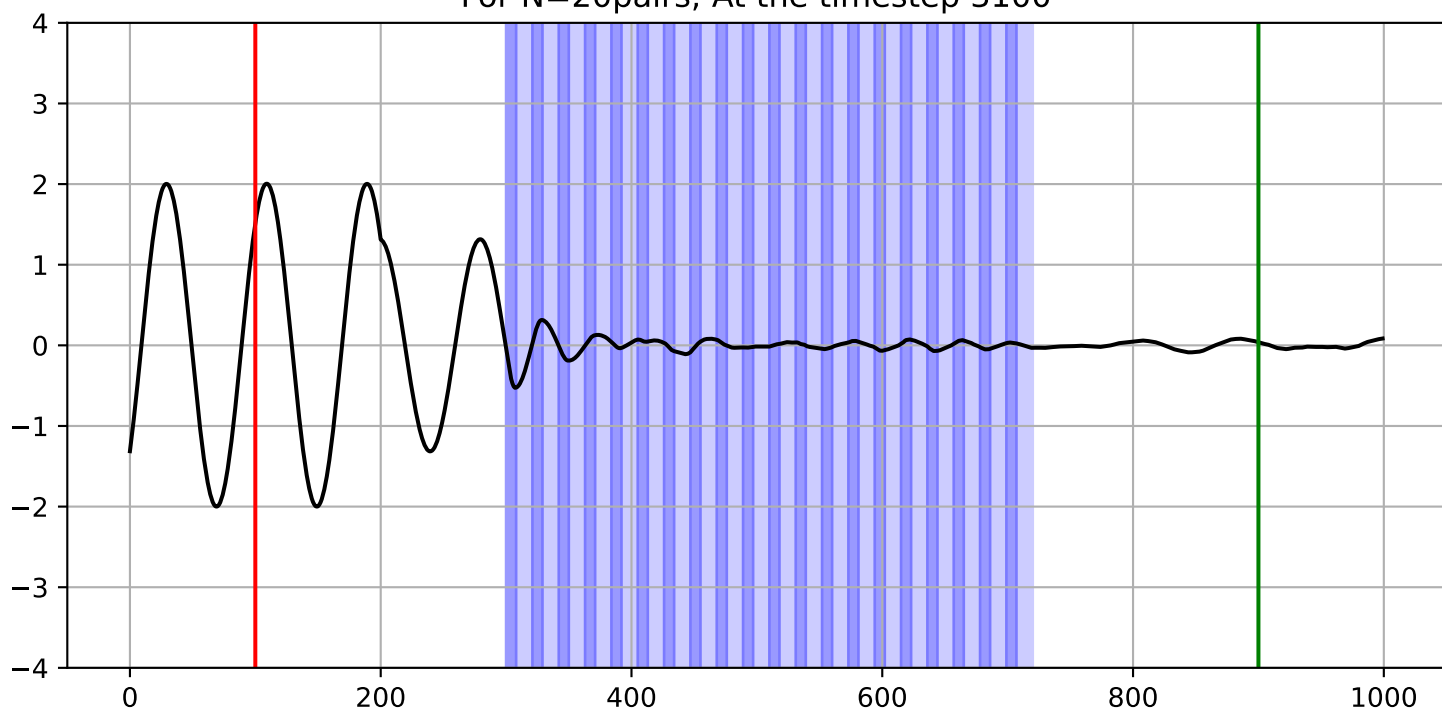
E[100]; At timestep 3050



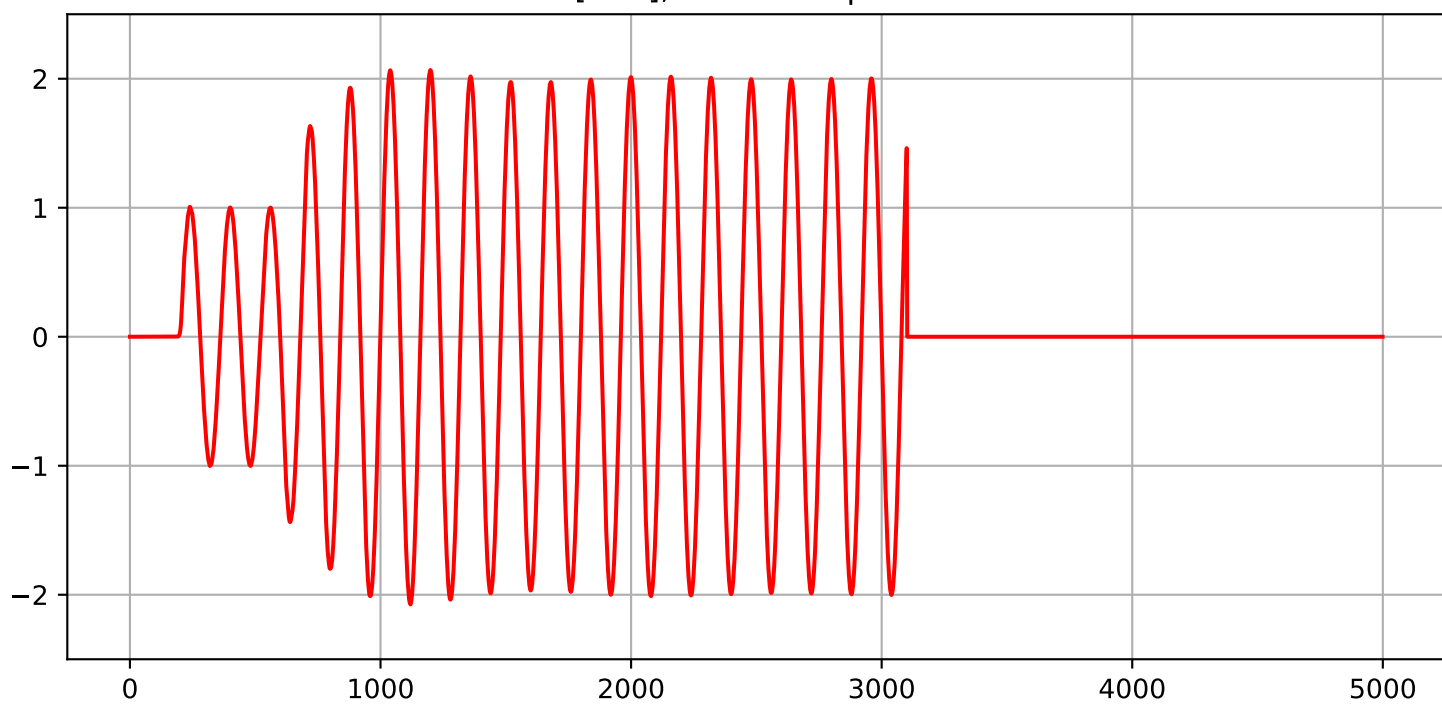
E[trans_probe]; At timestep 3050



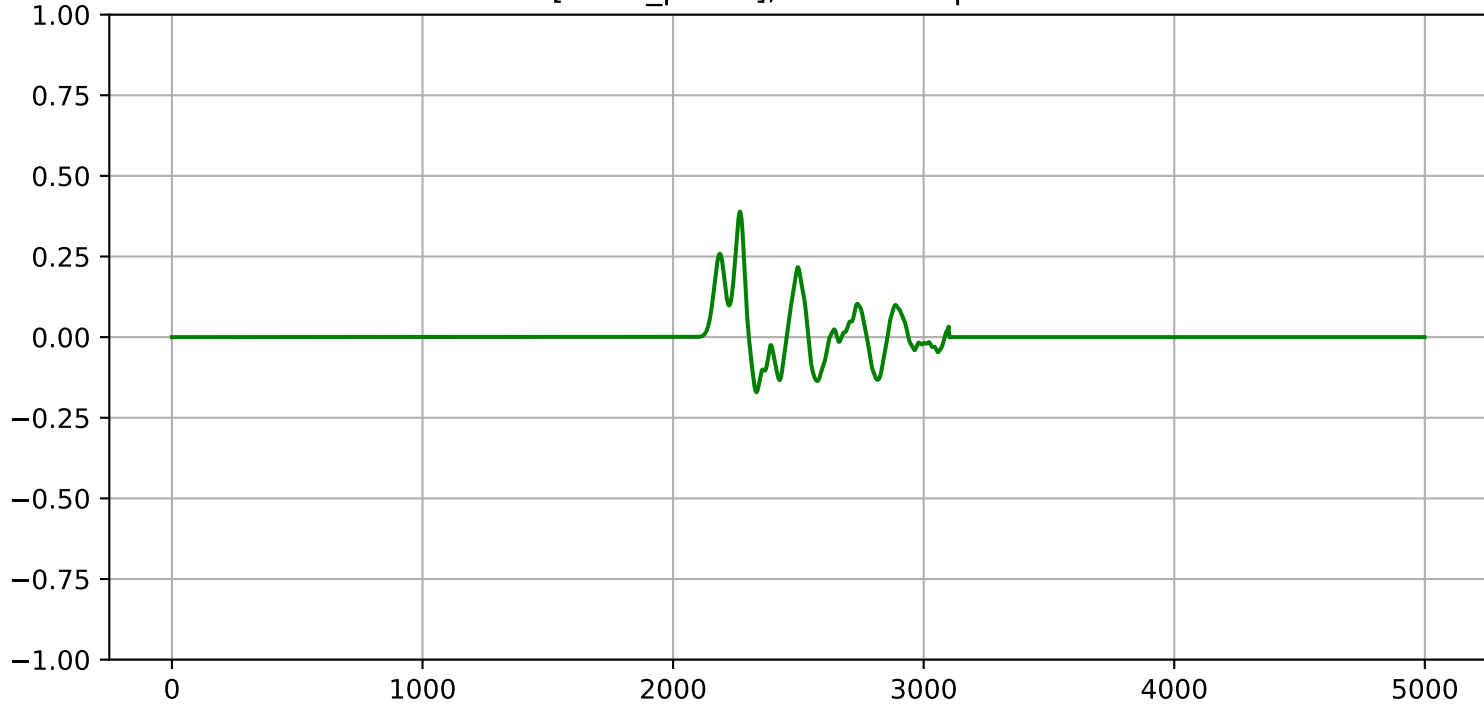
For N=20pairs; At the timestep 3100



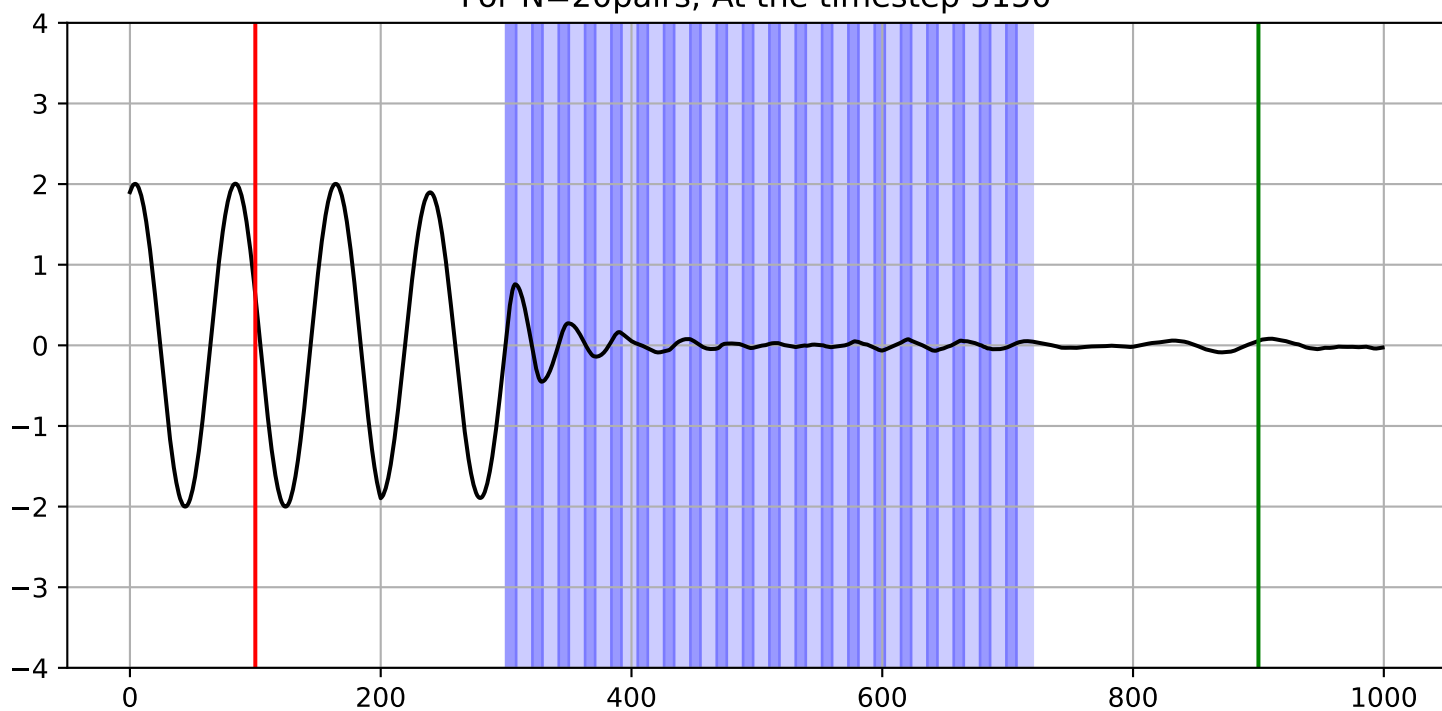
E[100]; At timestep 3100



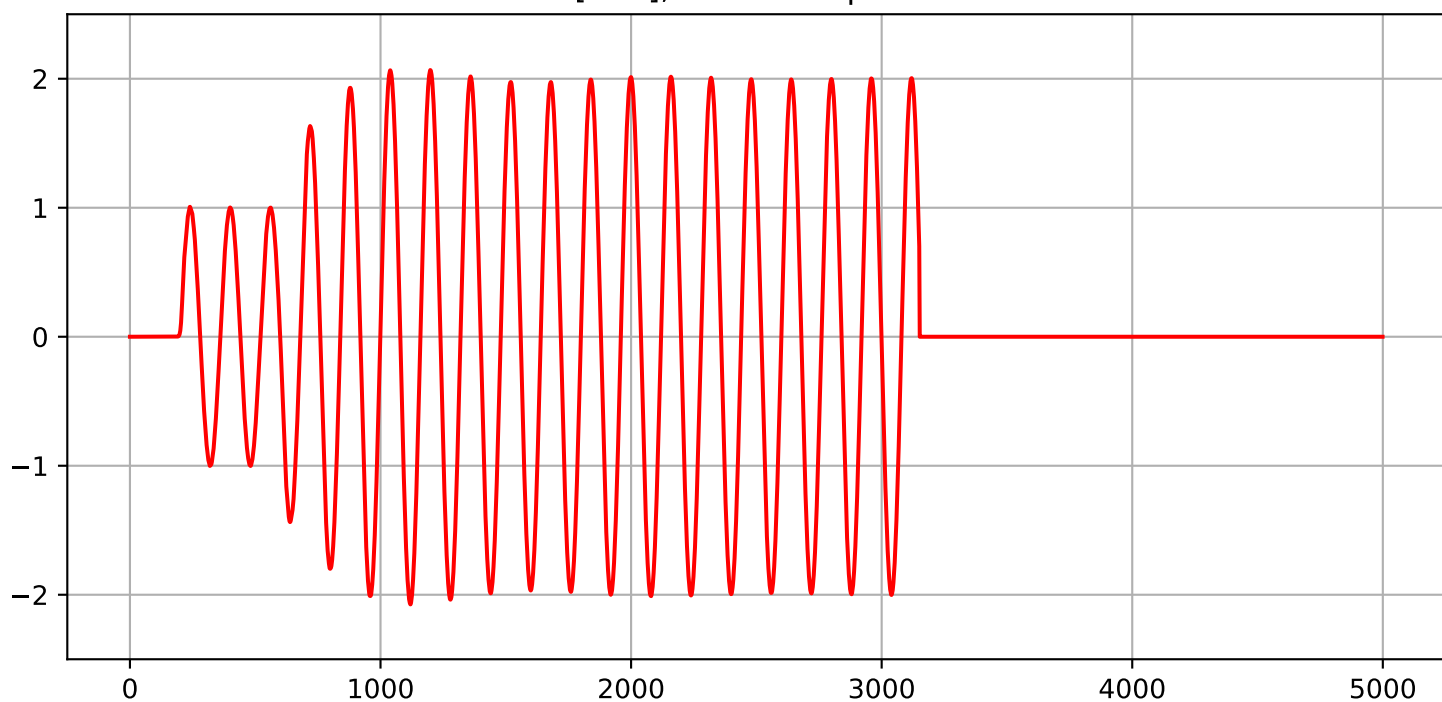
E[trans_probe]; At timestep 3100



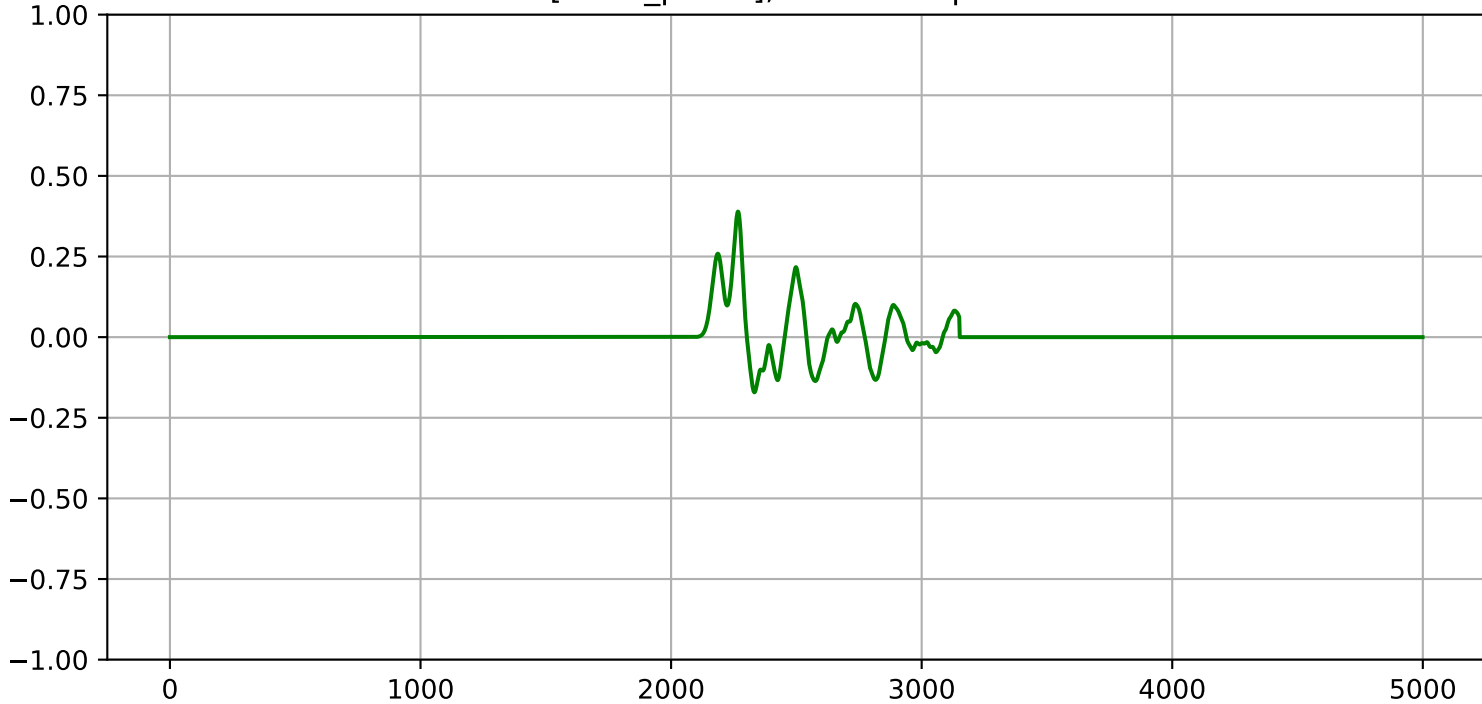
For N=20pairs; At the timestep 3150



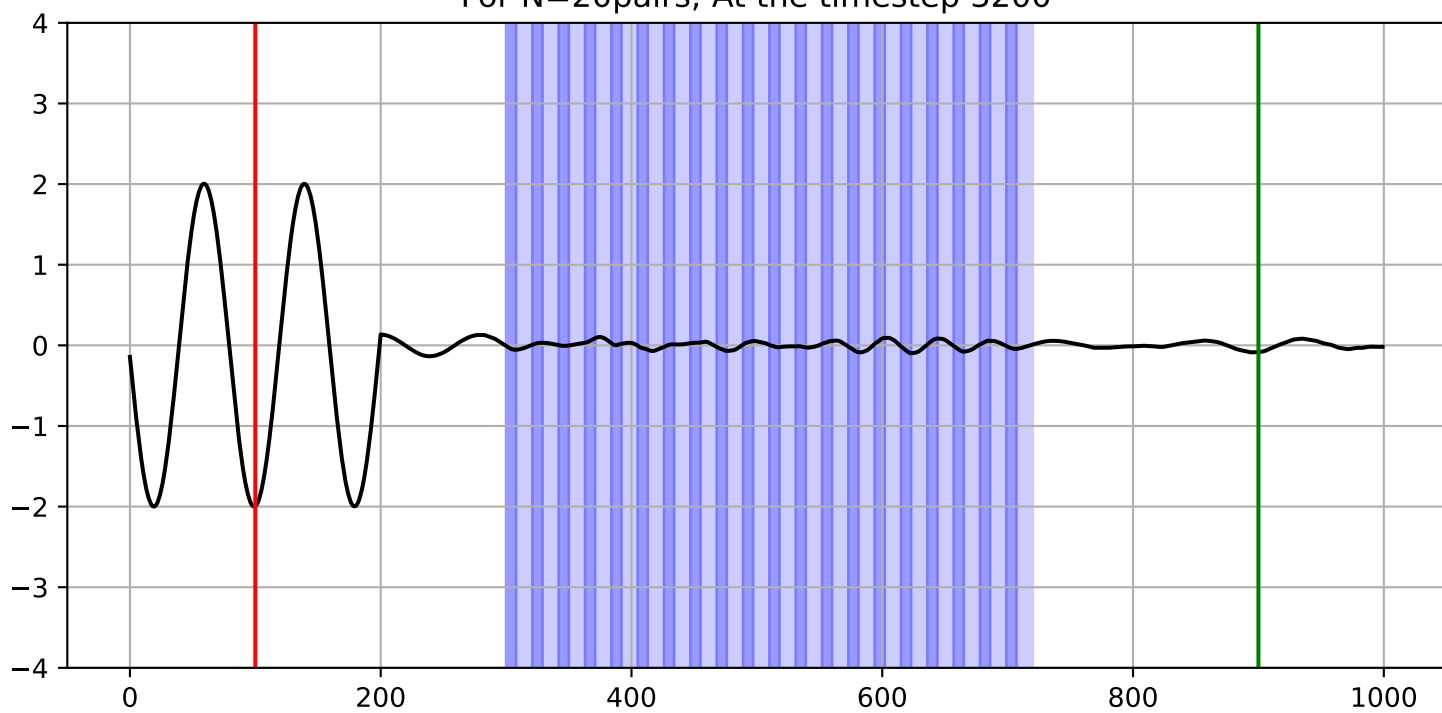
E[100]; At timestep 3150



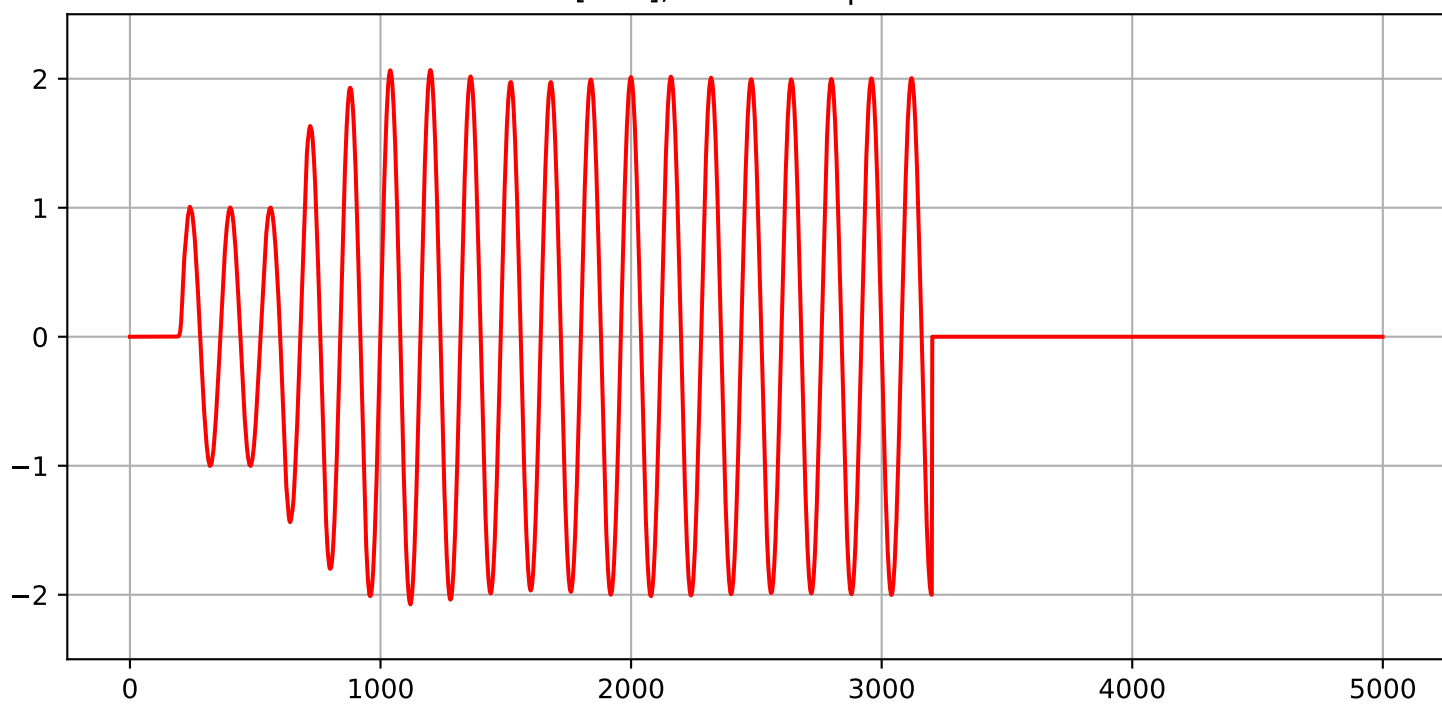
E[trans_probe]; At timestep 3150



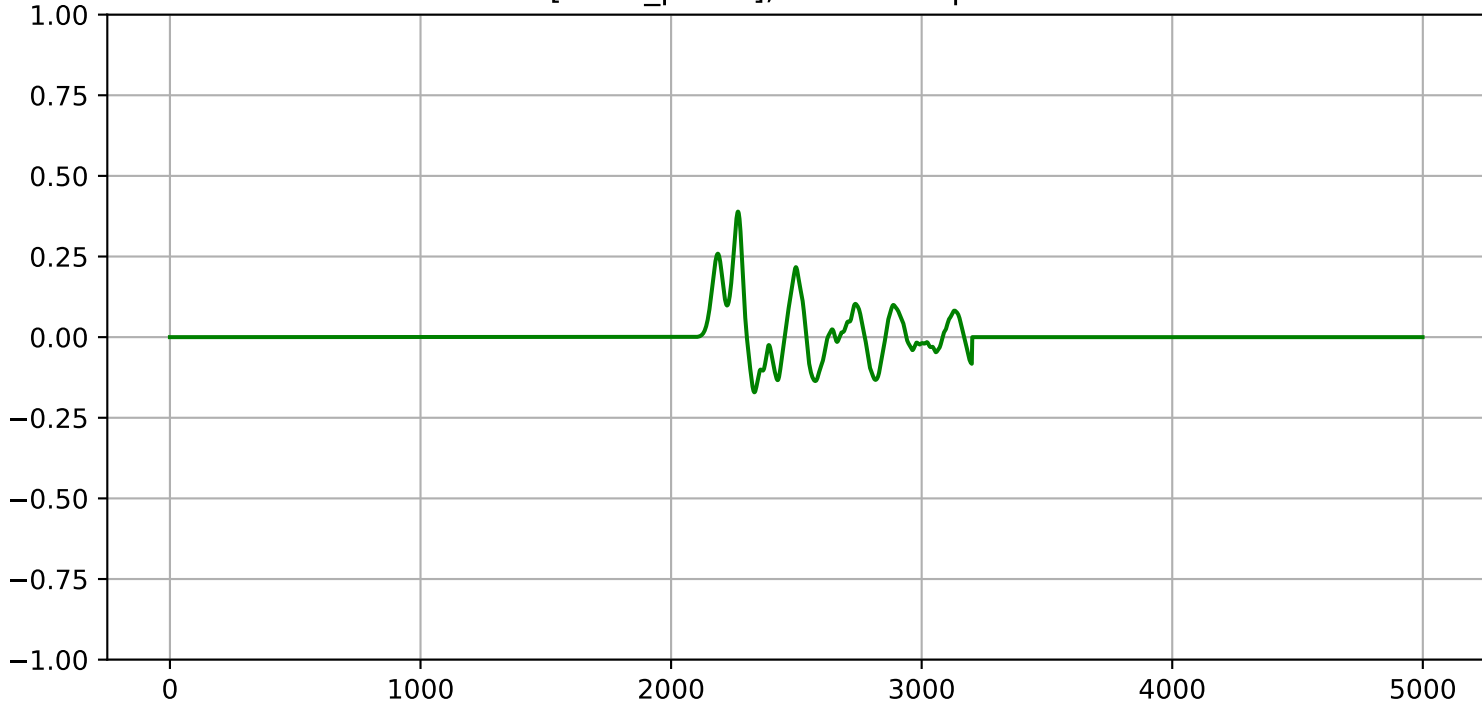
For N=20pairs; At the timestep 3200



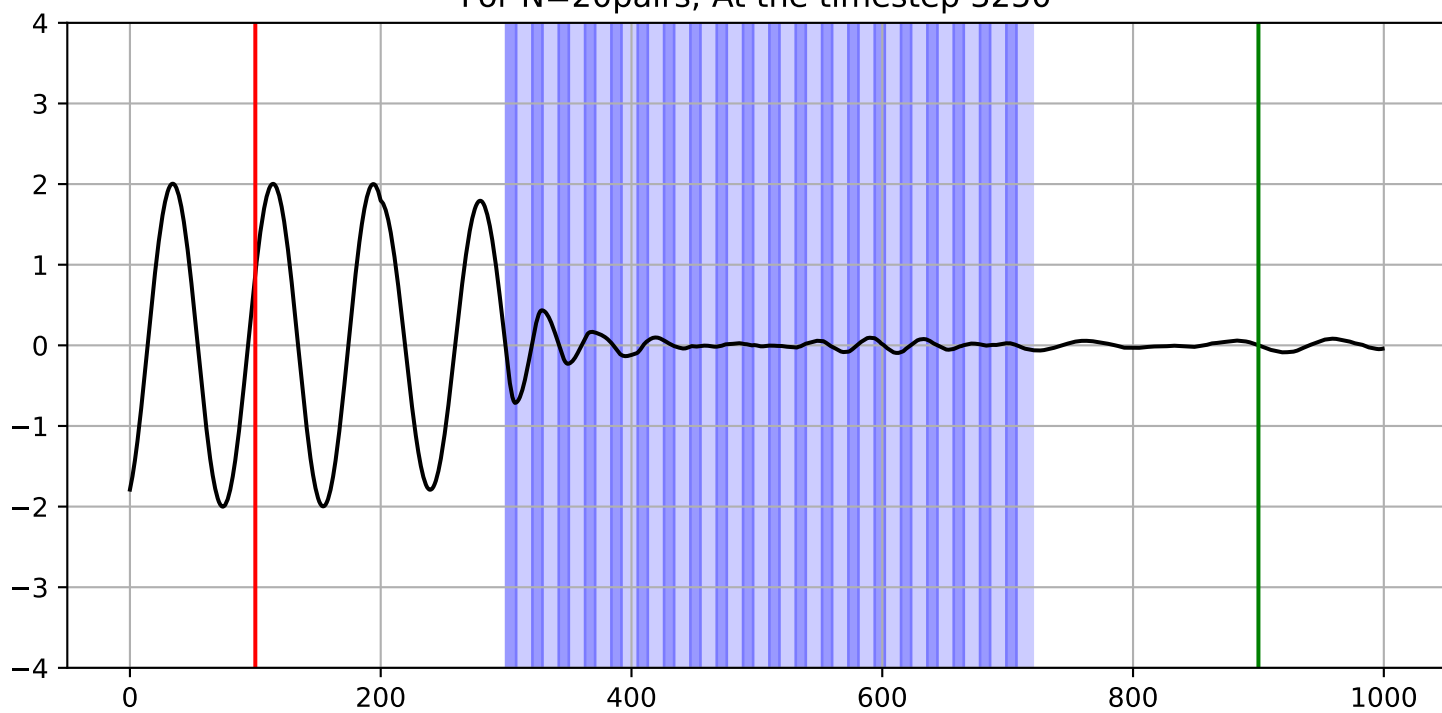
E[100]; At timestep 3200



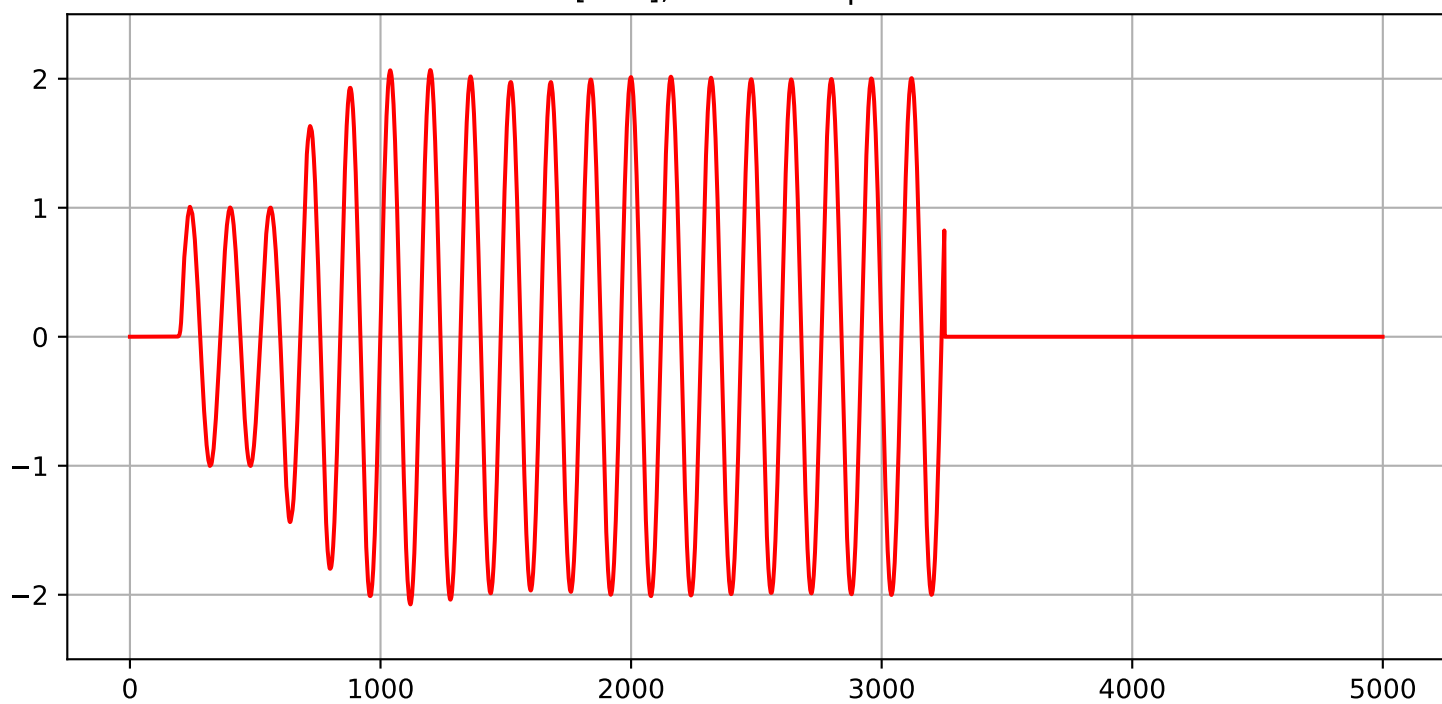
E[trans_probe]; At timestep 3200



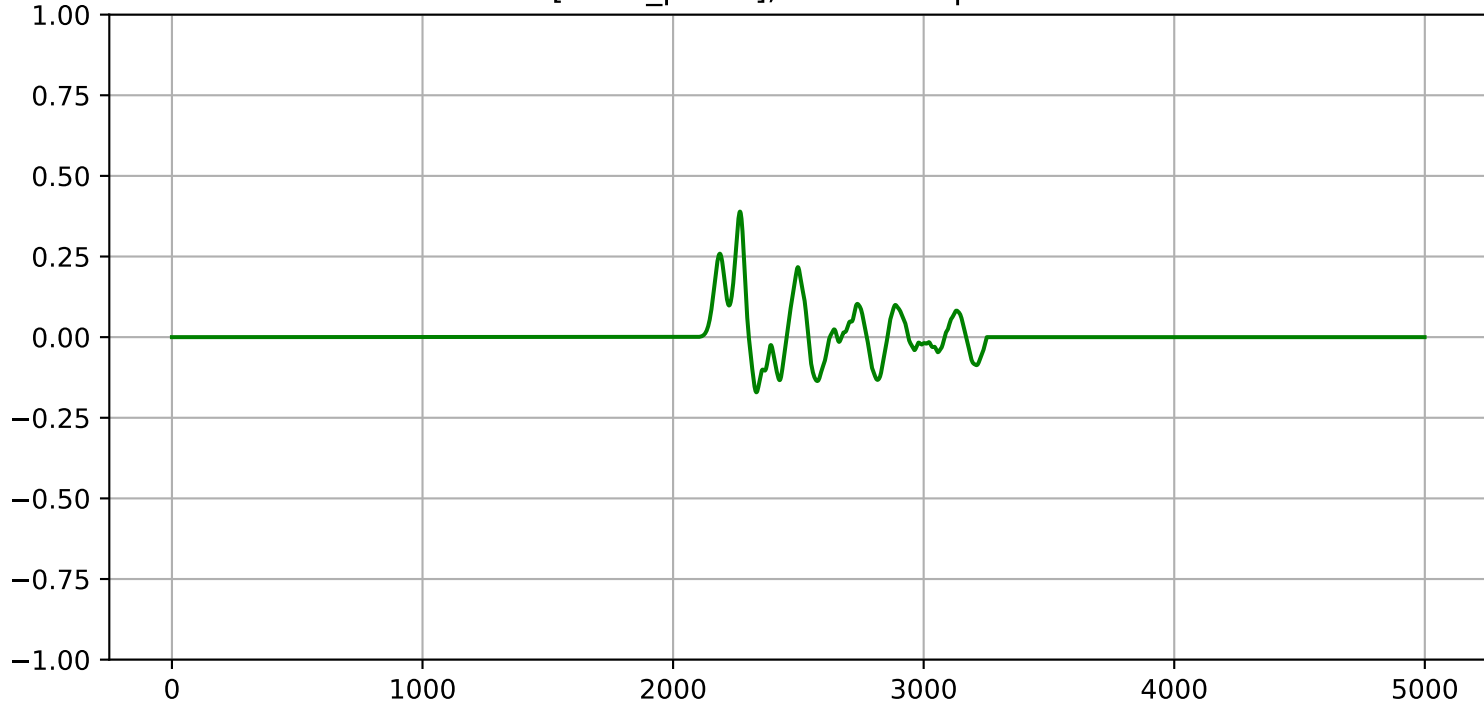
For N=20pairs; At the timestep 3250



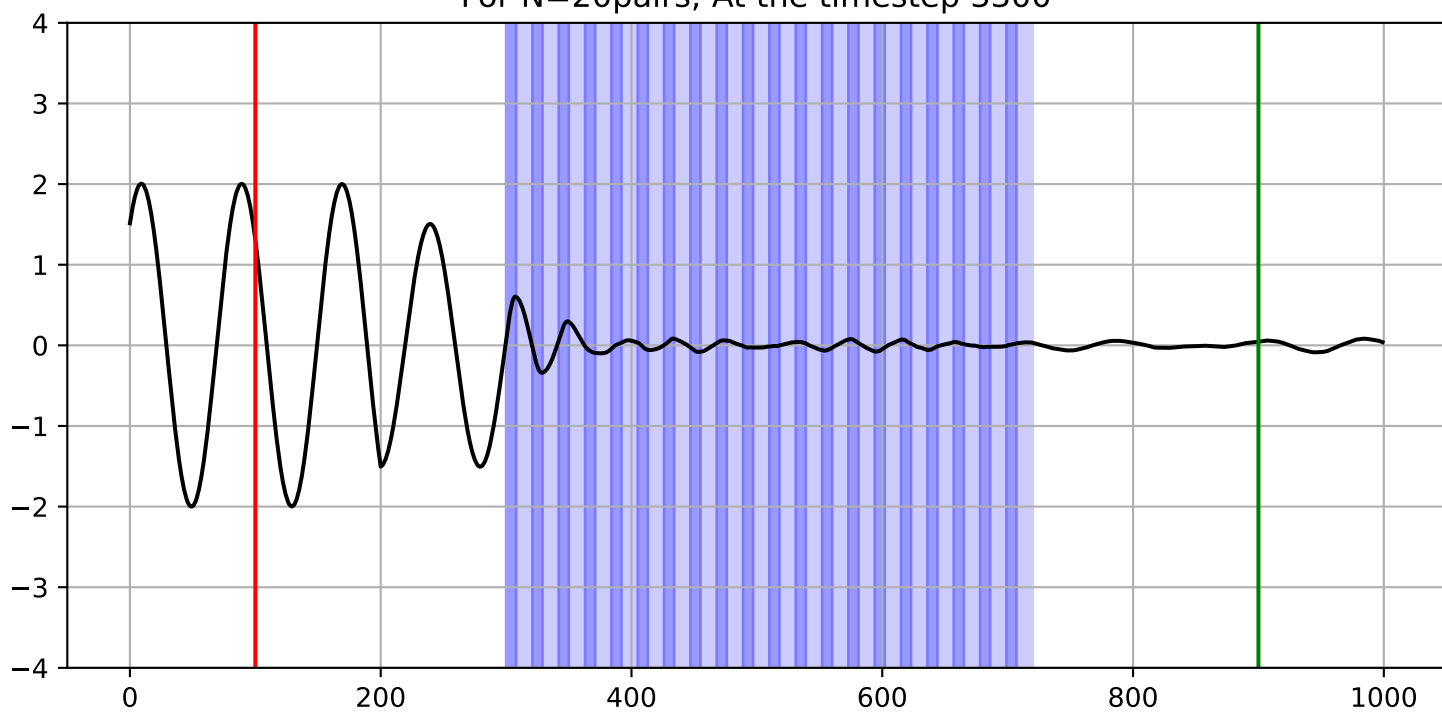
E[100]; At timestep 3250



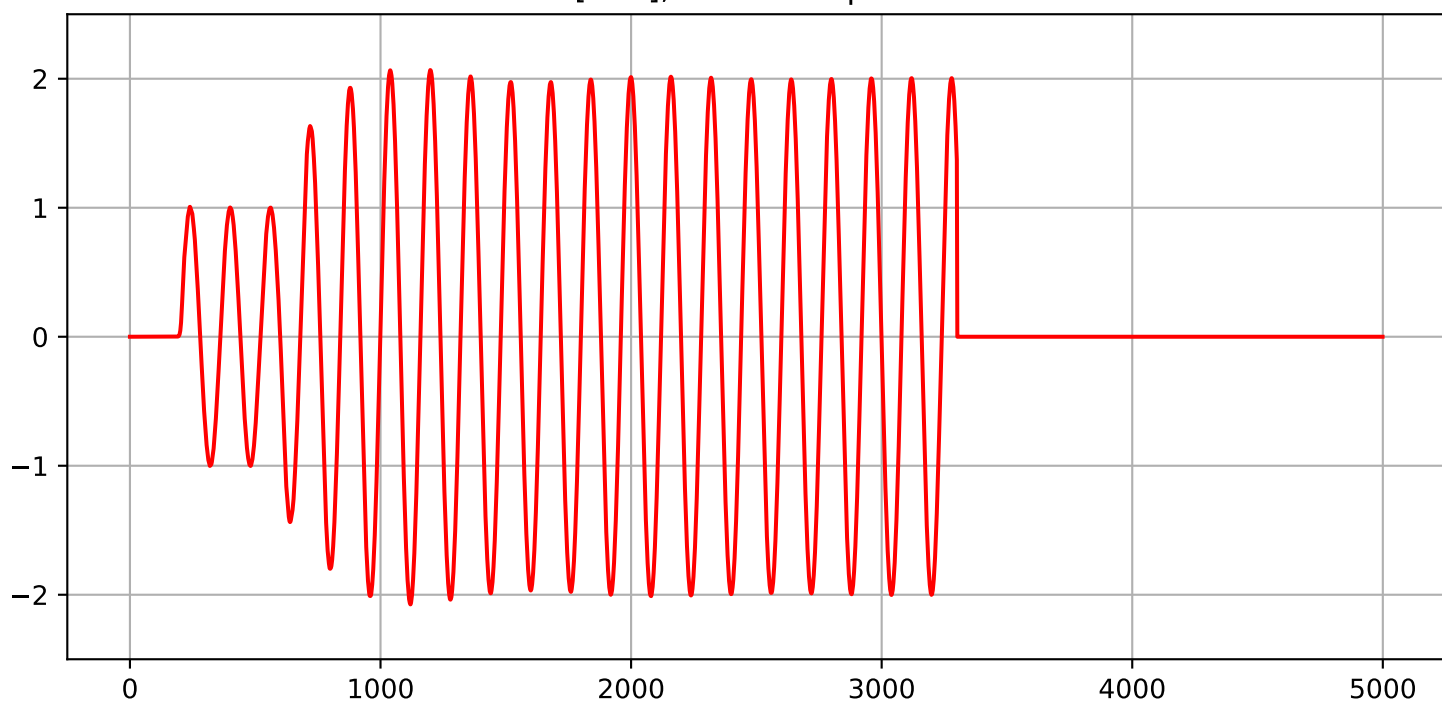
E[trans_probe]; At timestep 3250



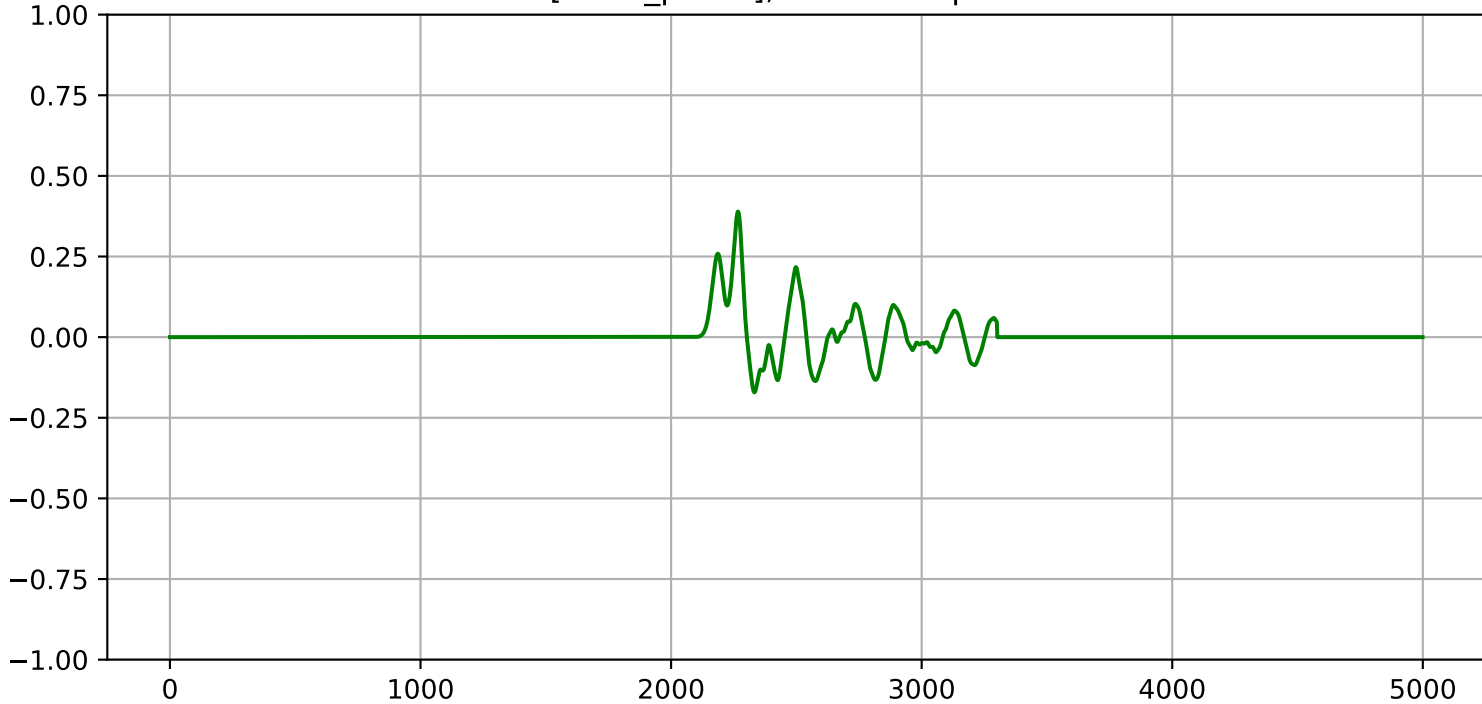
For N=20pairs; At the timestep 3300



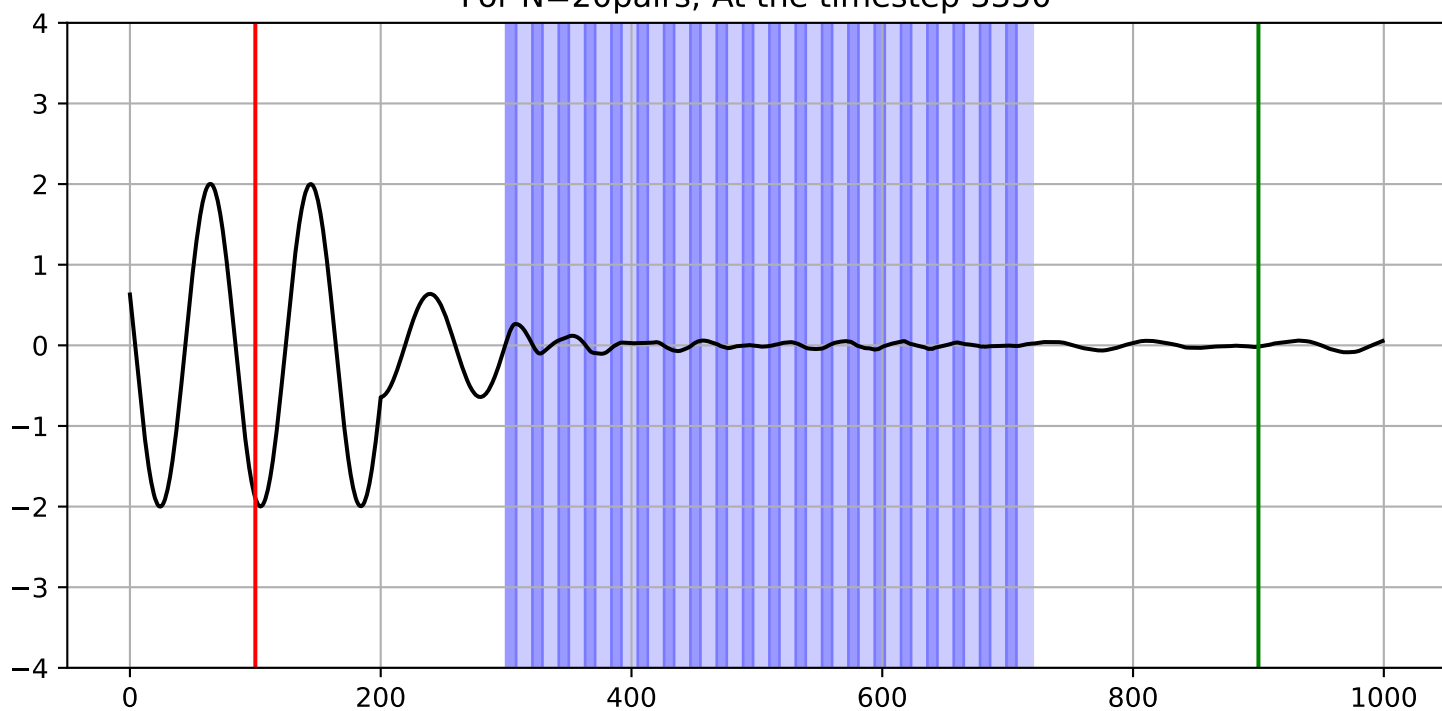
E[100]; At timestep 3300



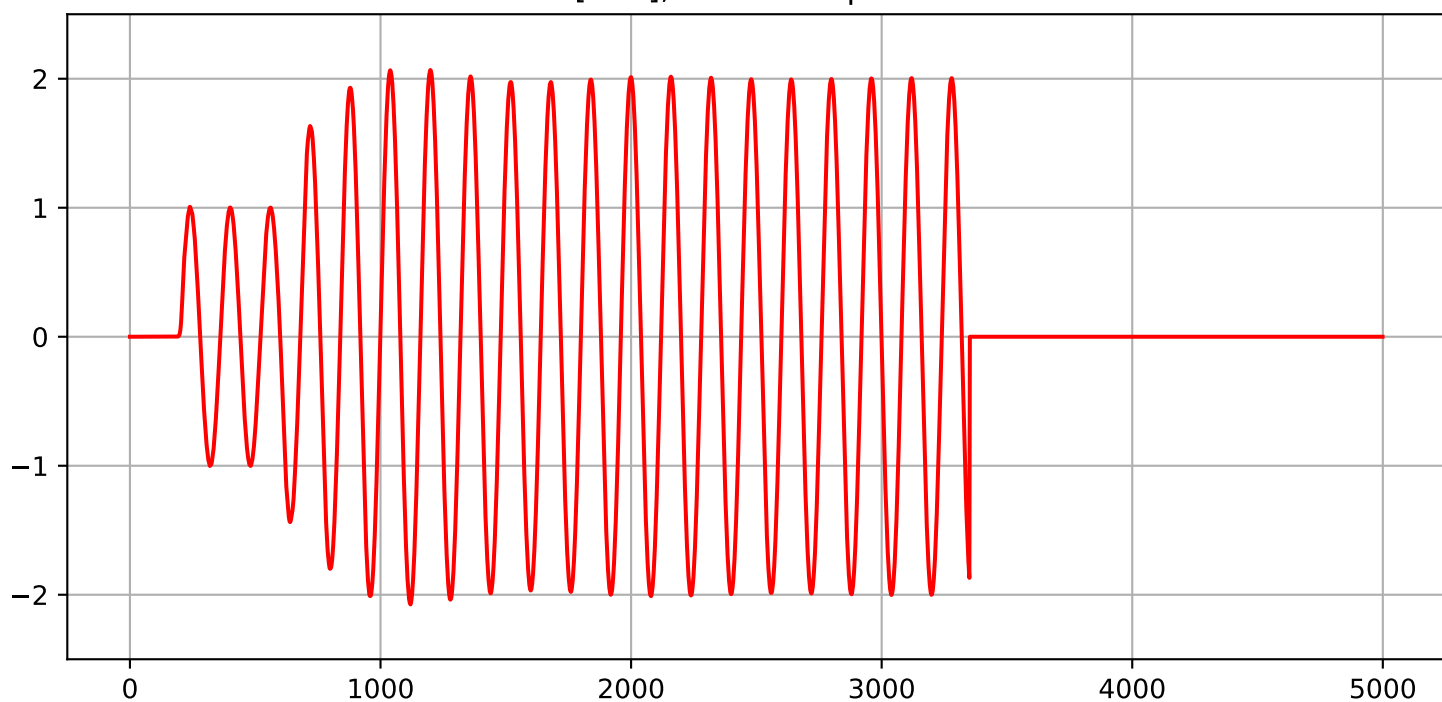
E[trans_probe]; At timestep 3300



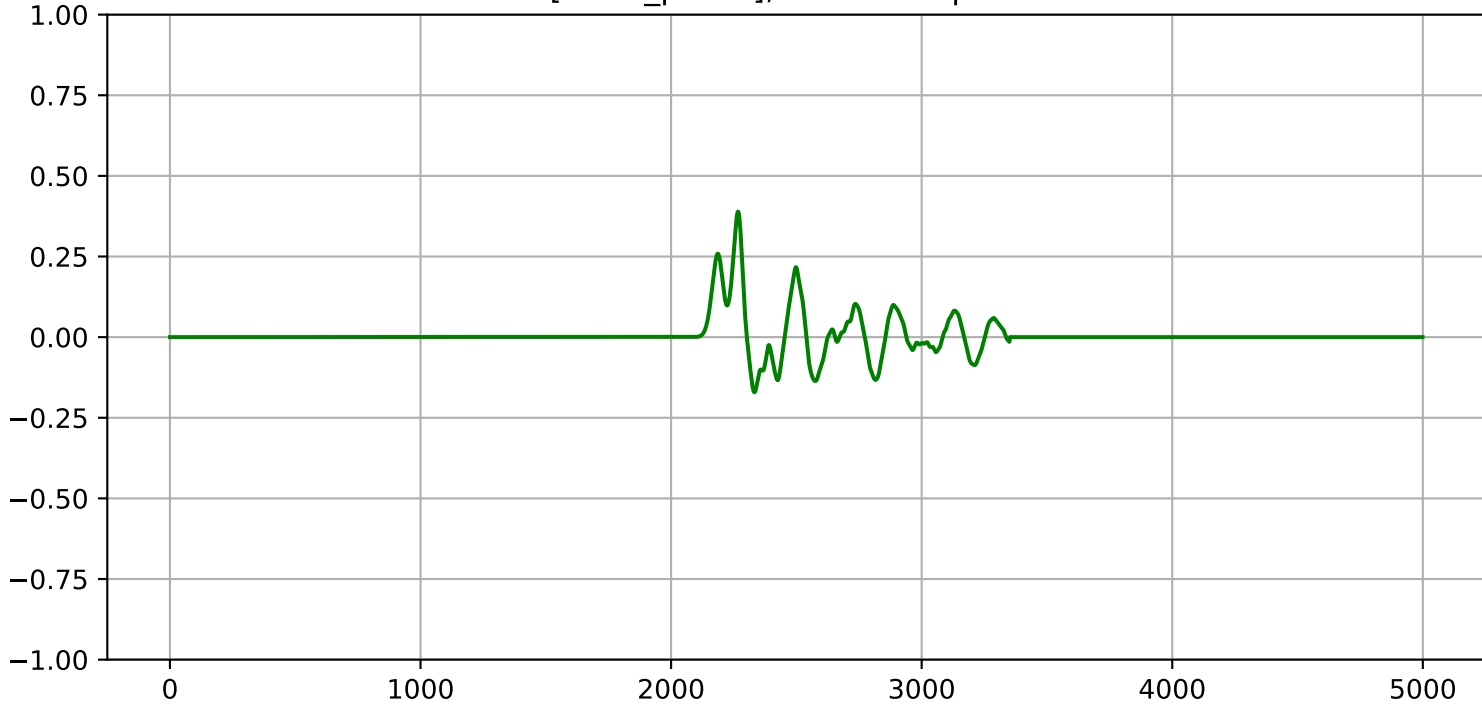
For N=20pairs; At the timestep 3350



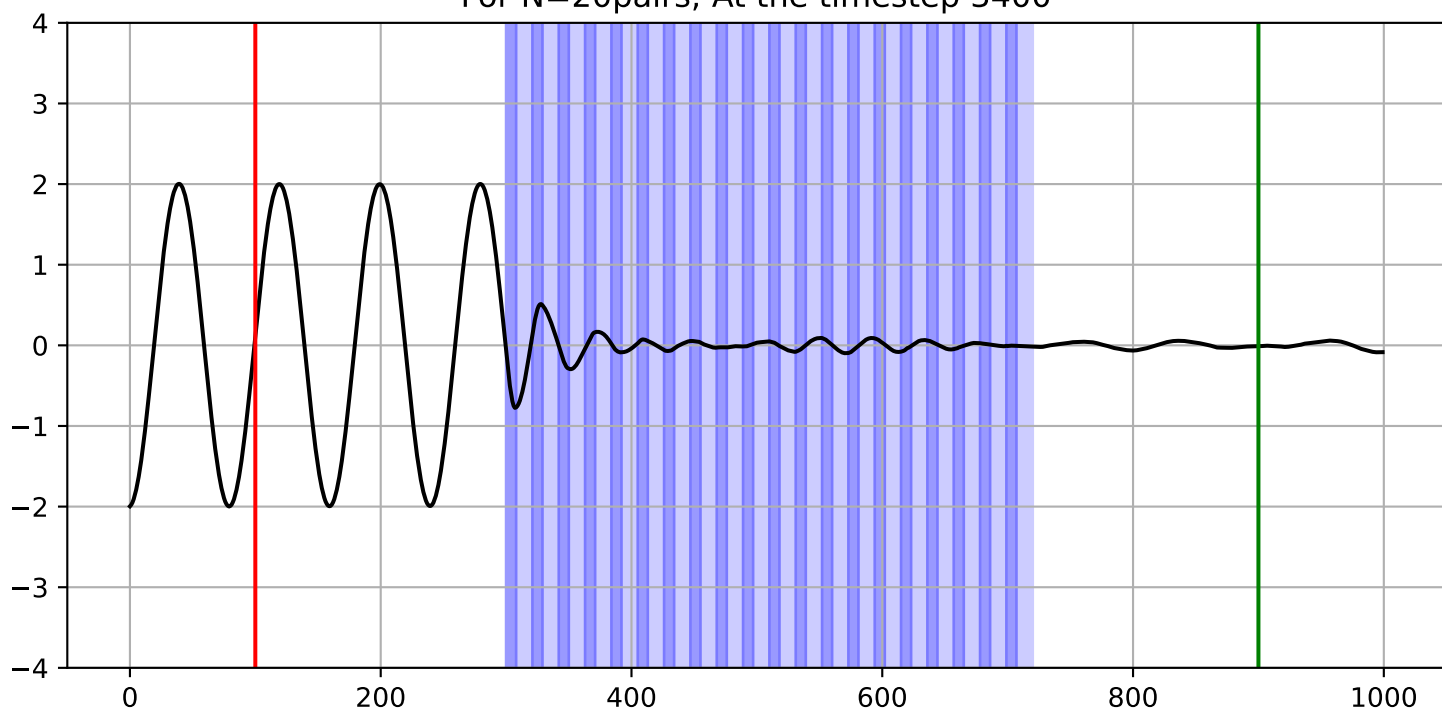
E[100]; At timestep 3350



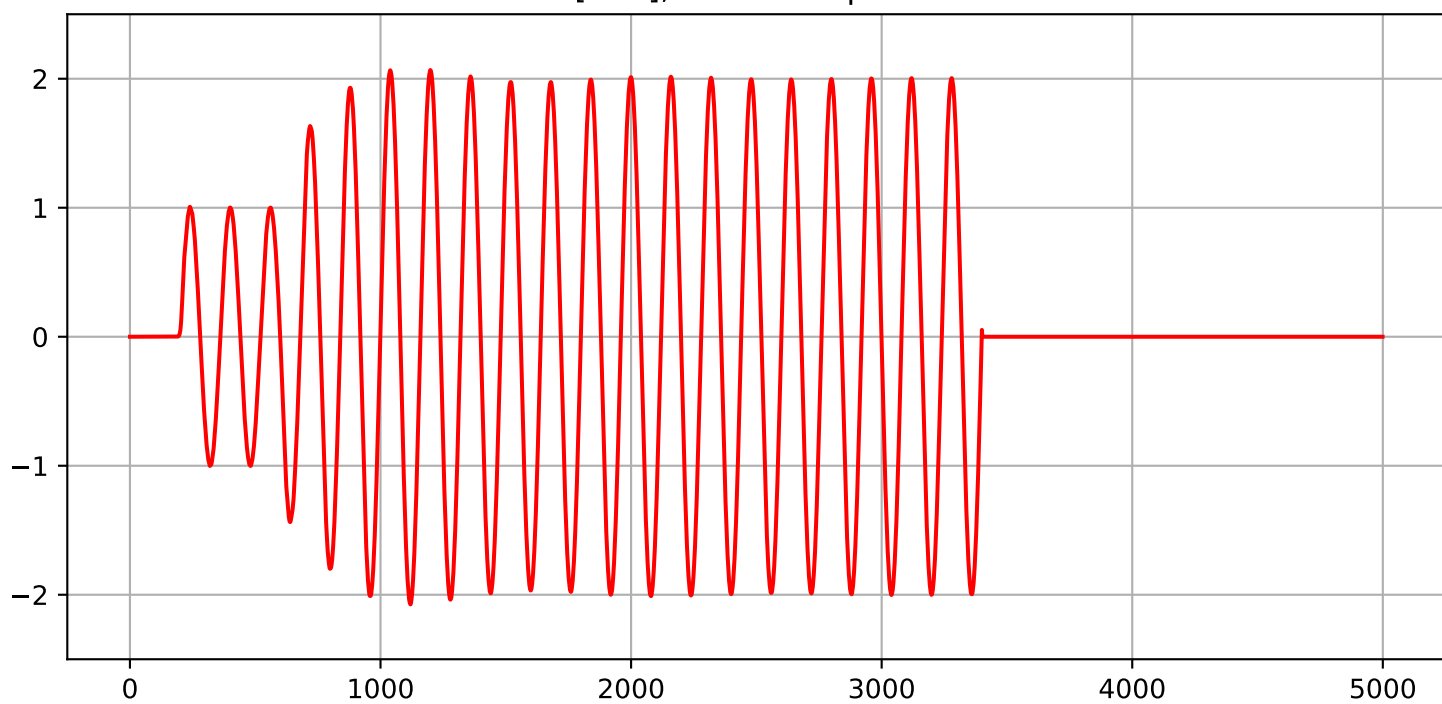
E[trans_probe]; At timestep 3350



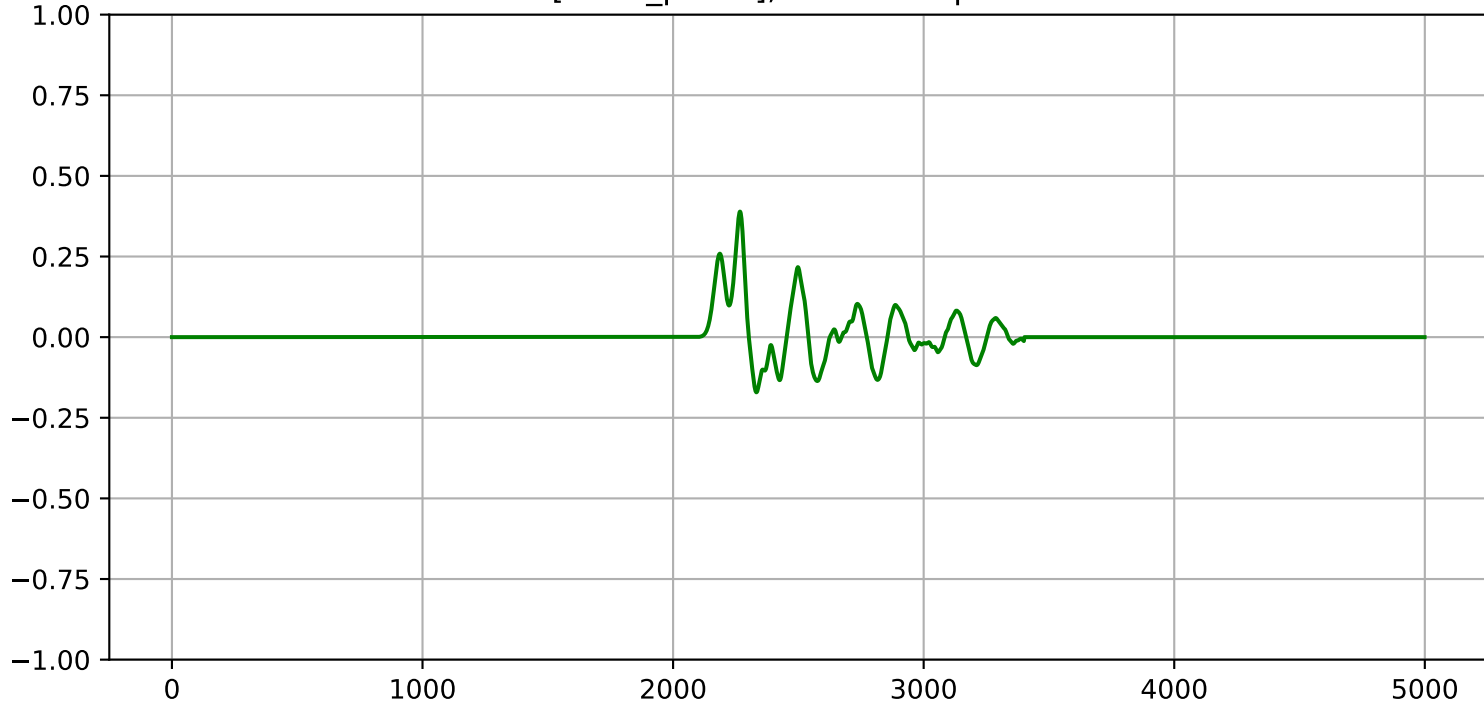
For N=20pairs; At the timestep 3400



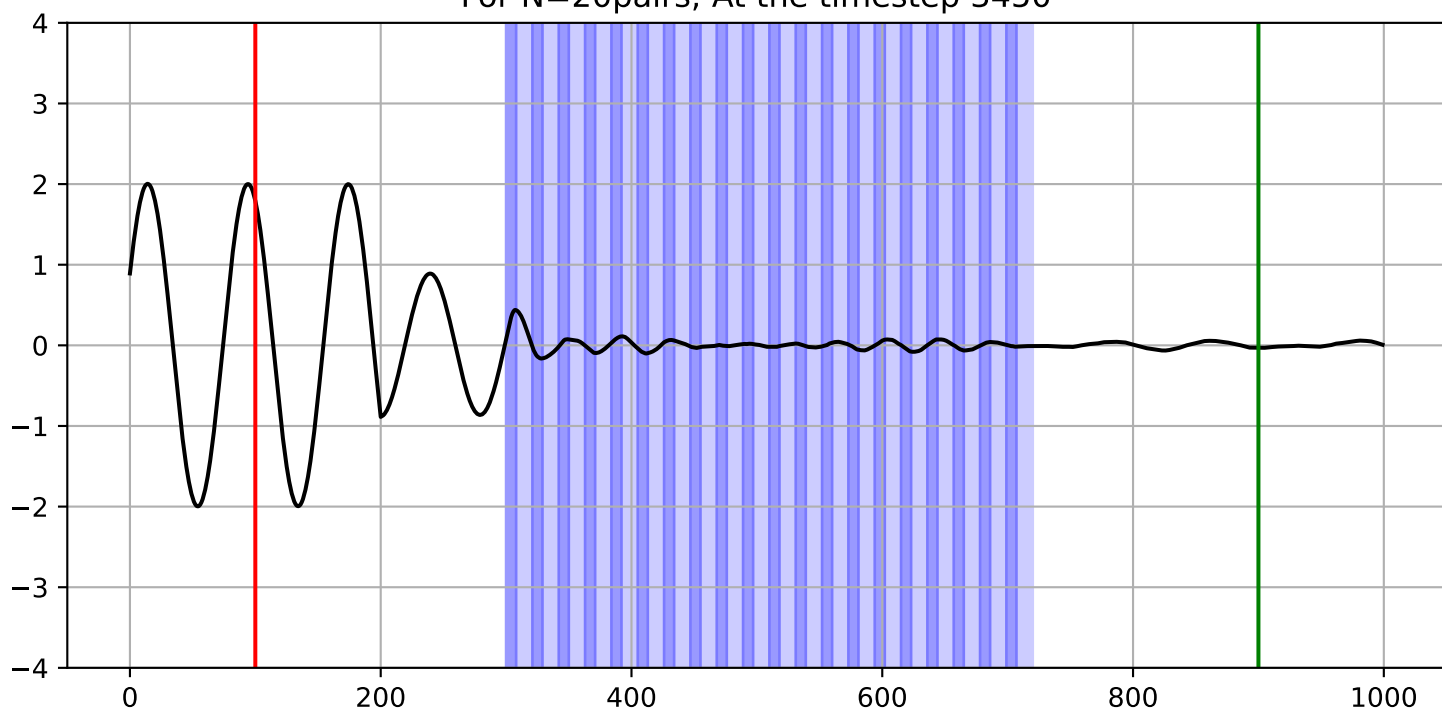
E[100]; At timestep 3400



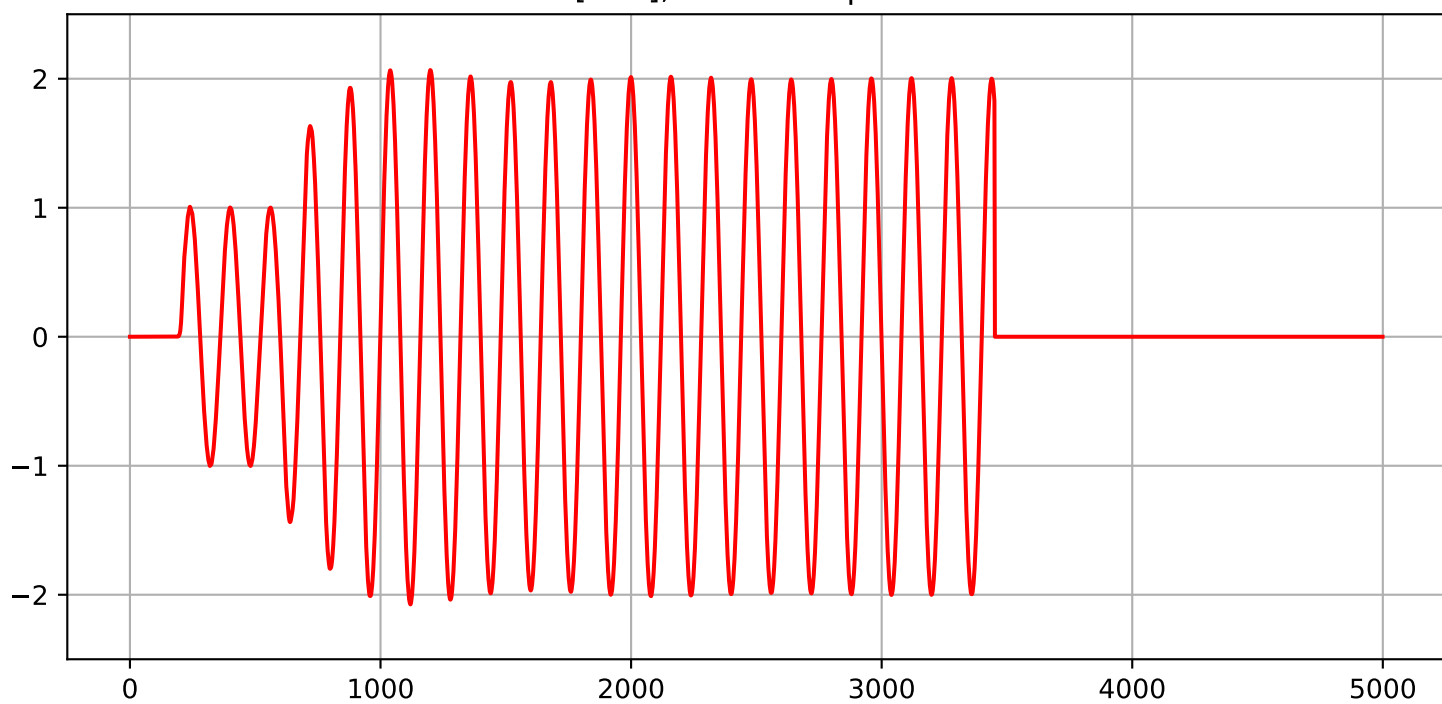
E[trans_probe]; At timestep 3400



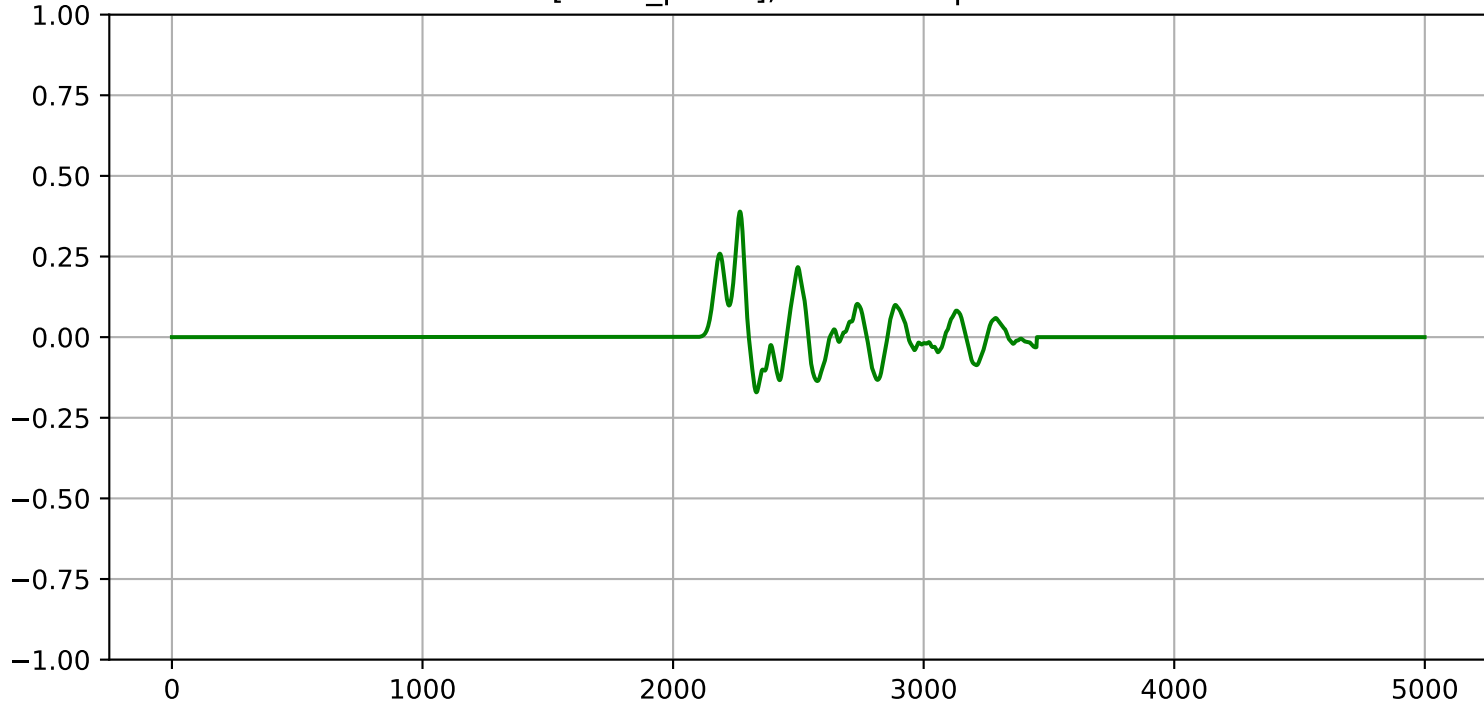
For N=20pairs; At the timestep 3450



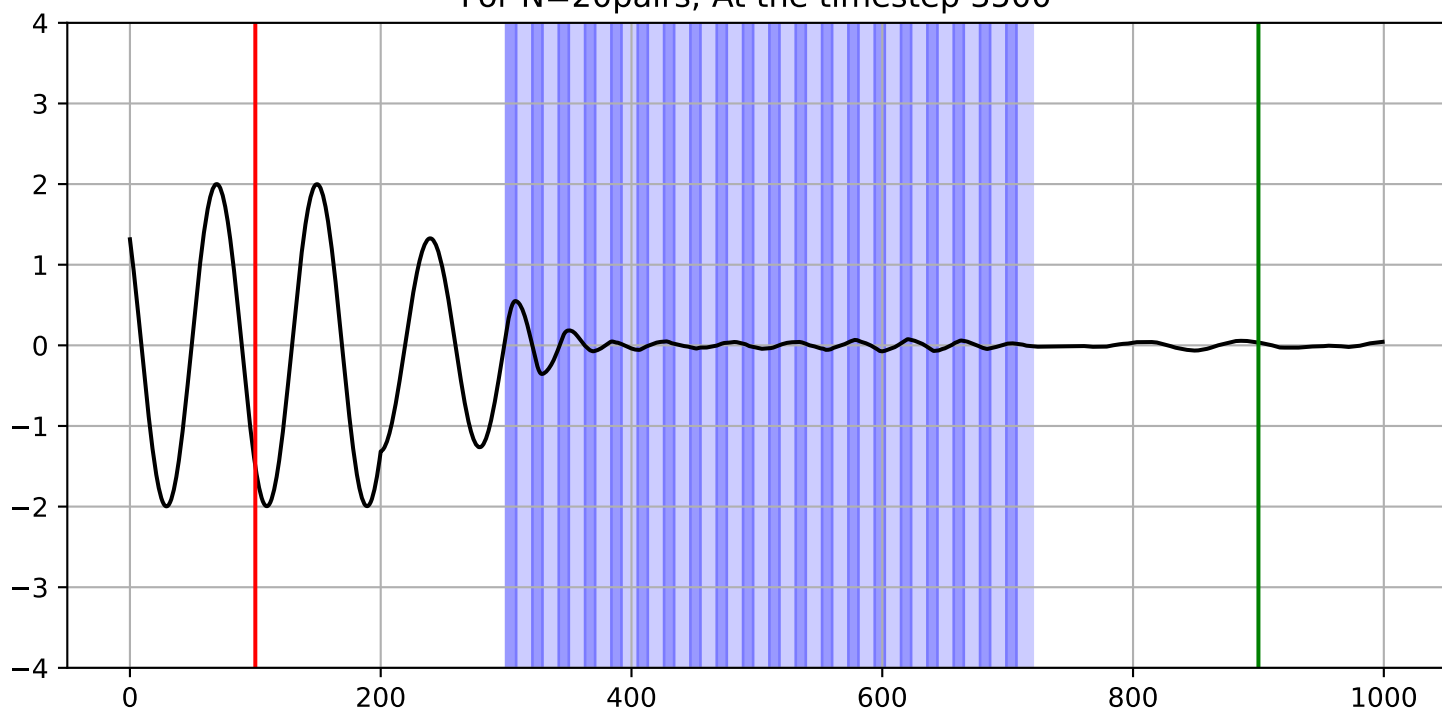
E[100]; At timestep 3450



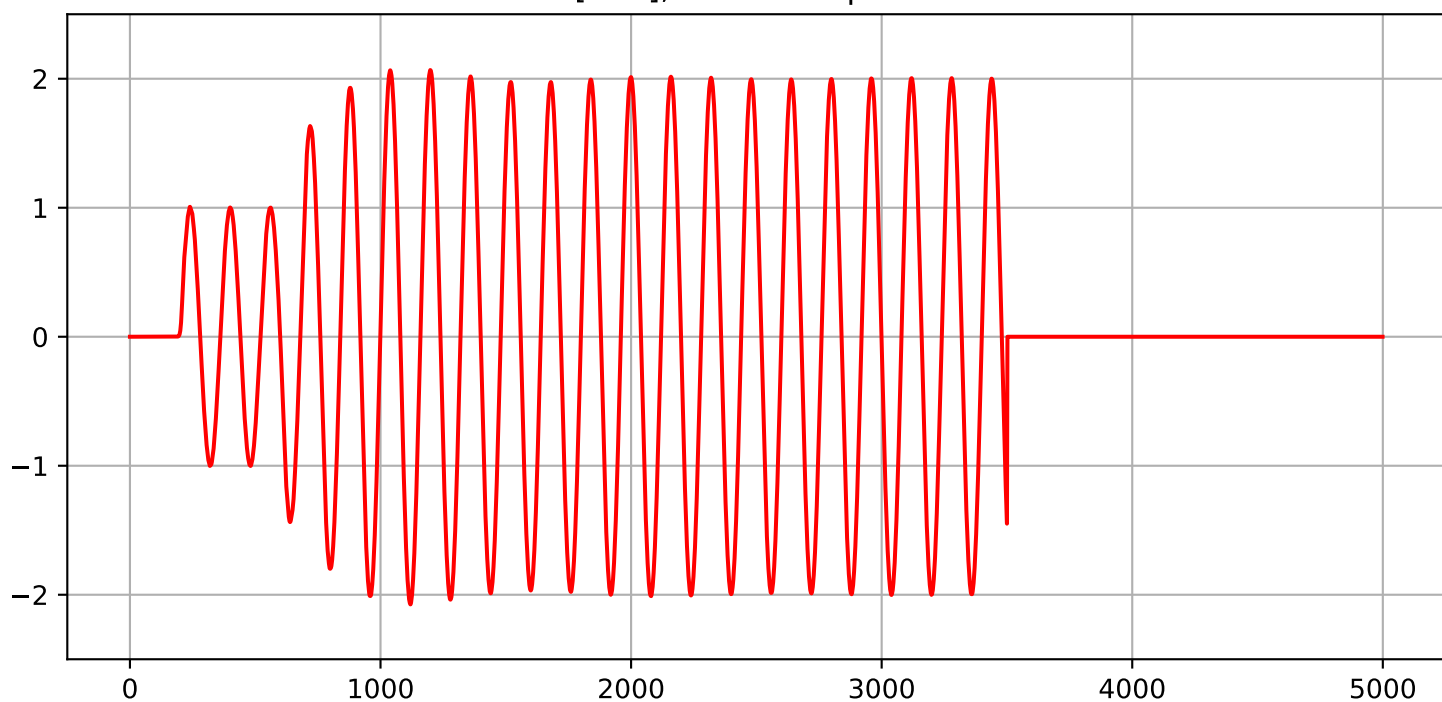
E[trans_probe]; At timestep 3450



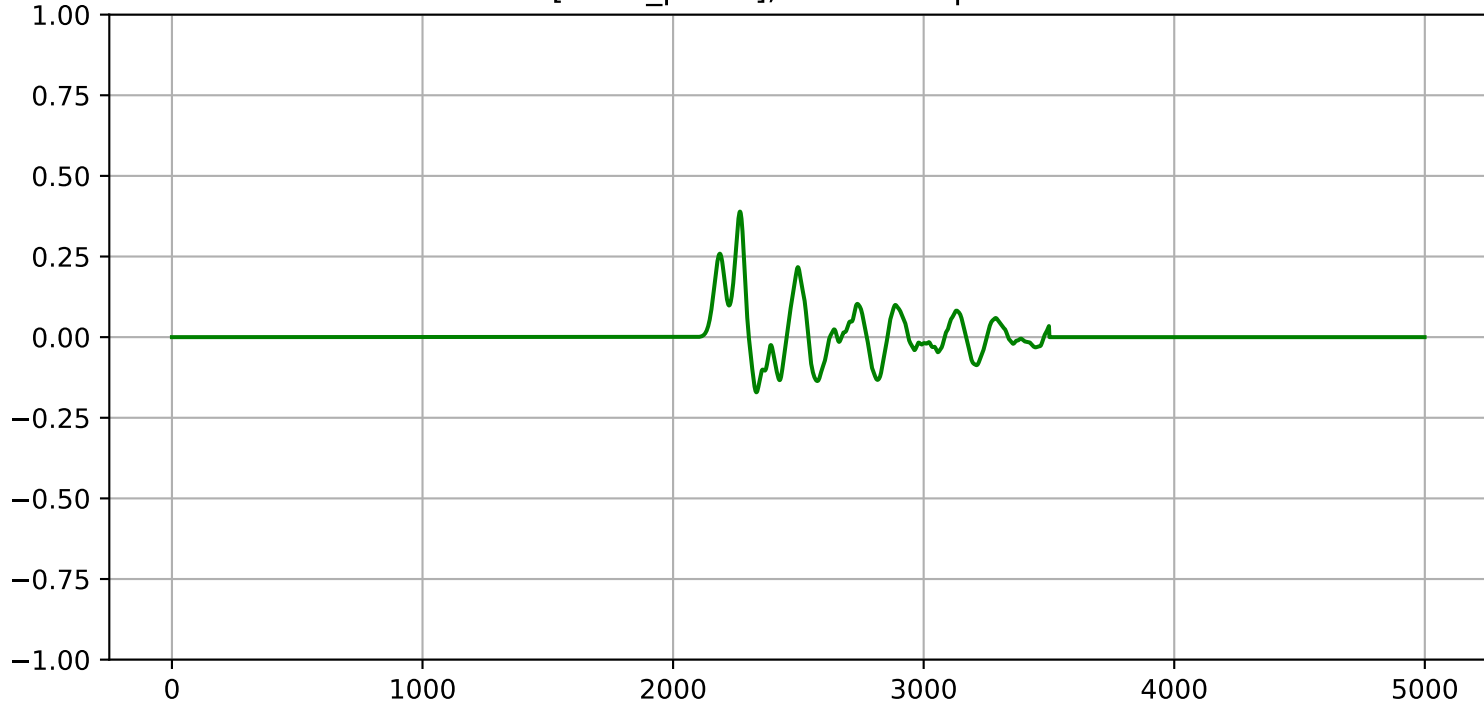
For N=20pairs; At the timestep 3500



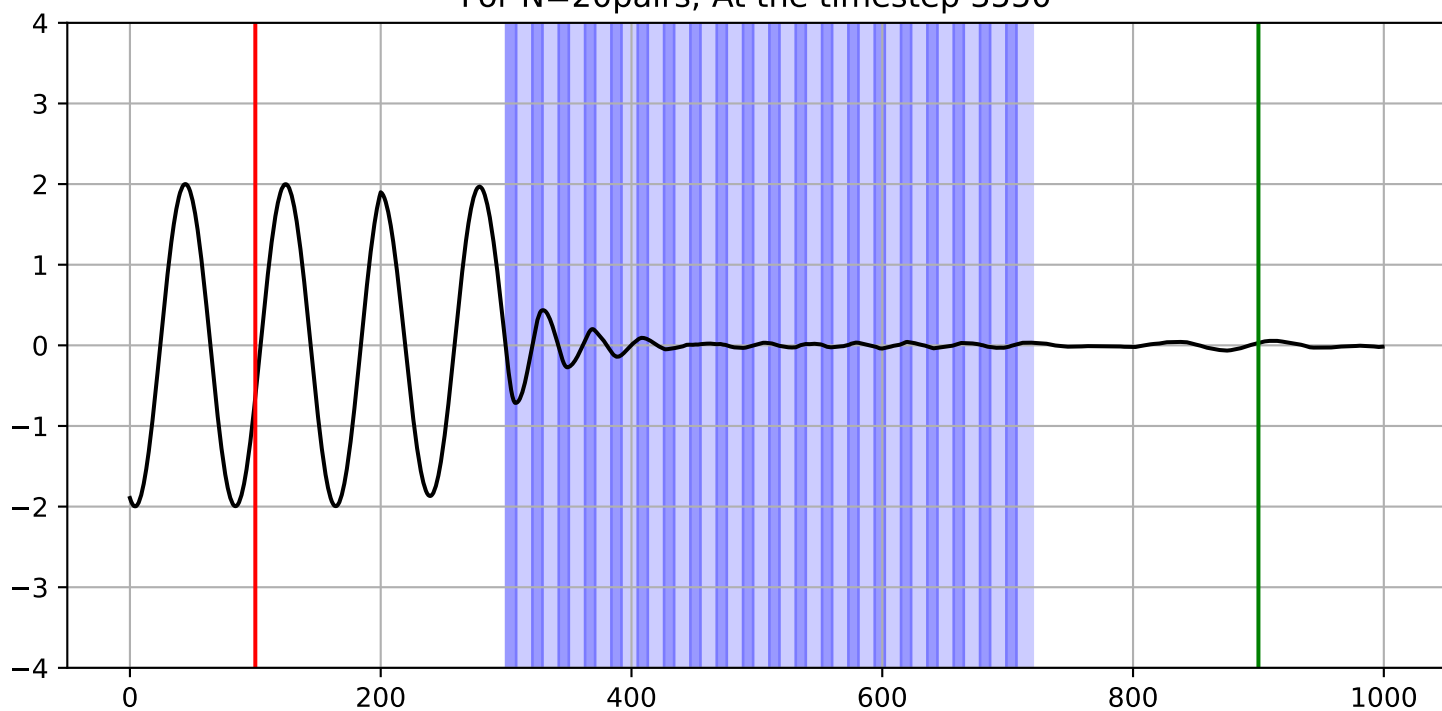
E[100]; At timestep 3500



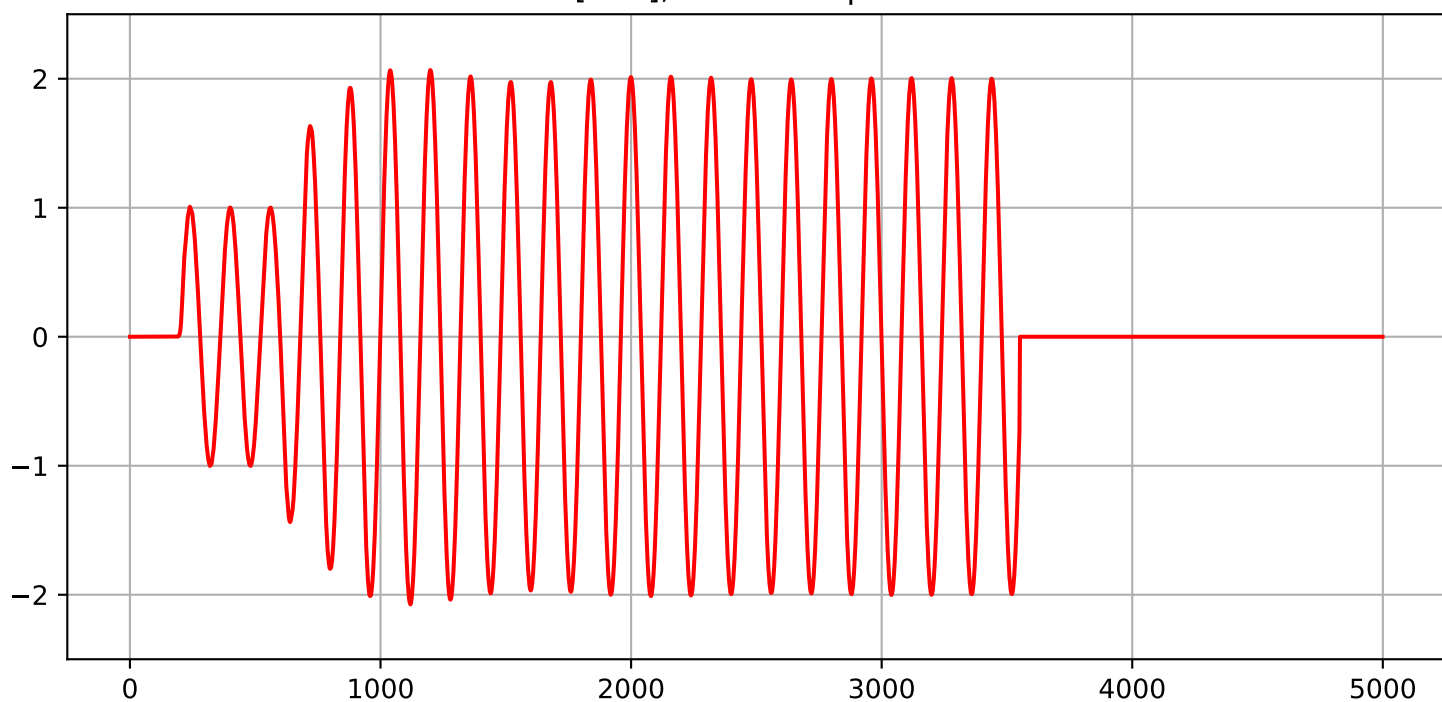
E[trans_probe]; At timestep 3500



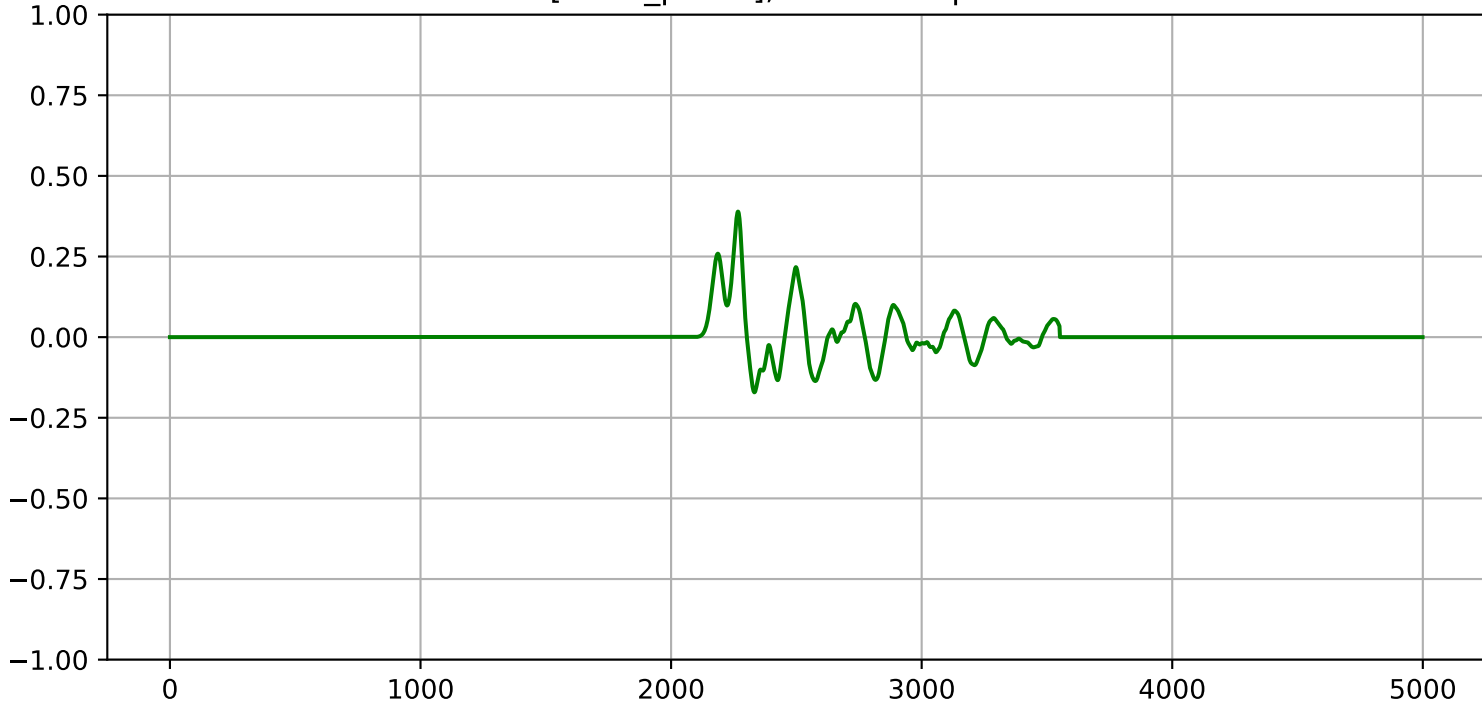
For N=20pairs; At the timestep 3550



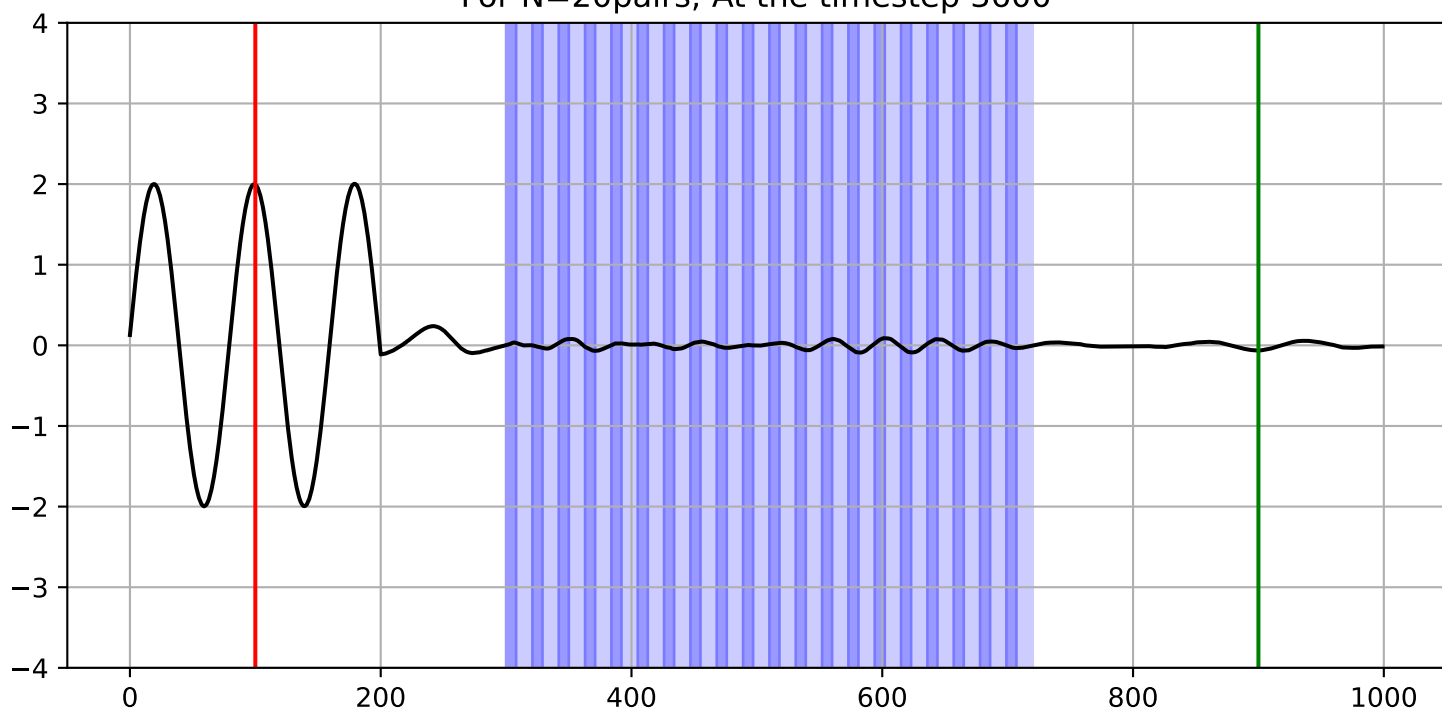
E[100]; At timestep 3550



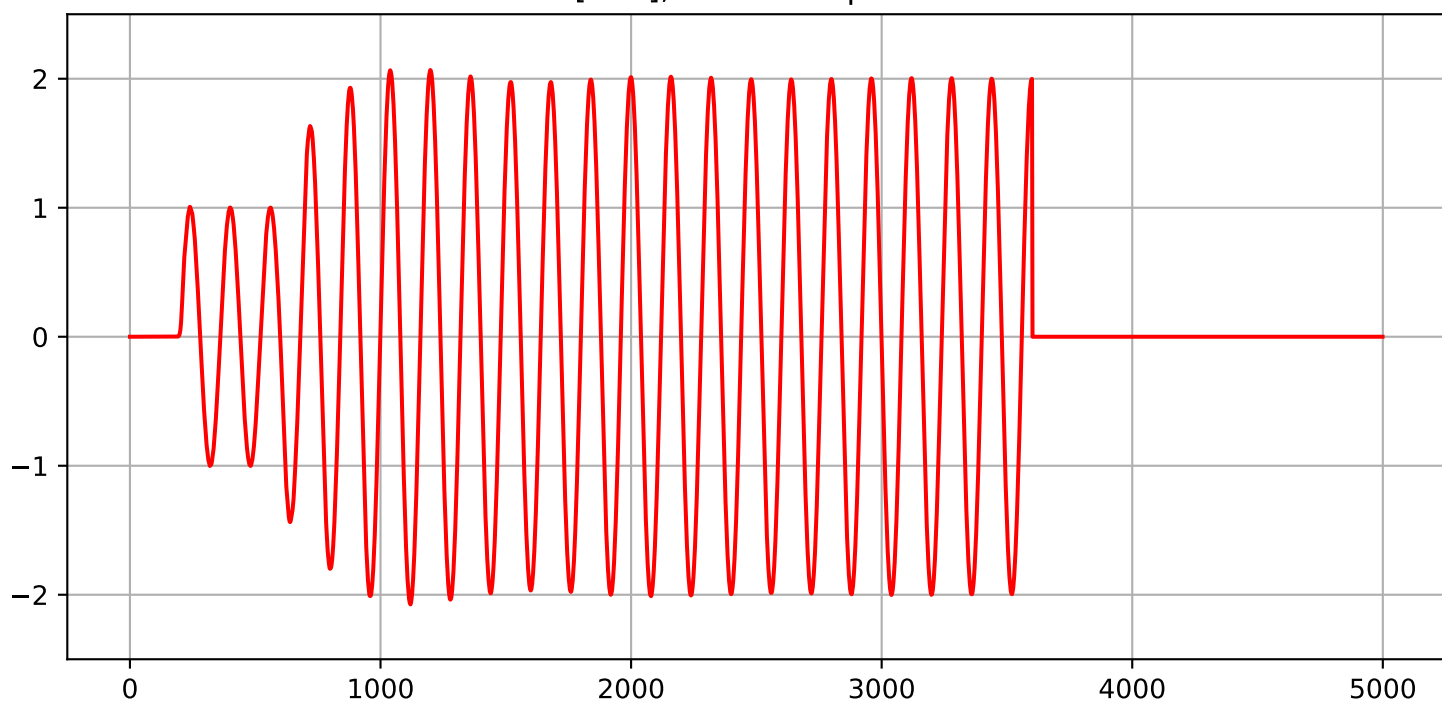
E[trans_probe]; At timestep 3550



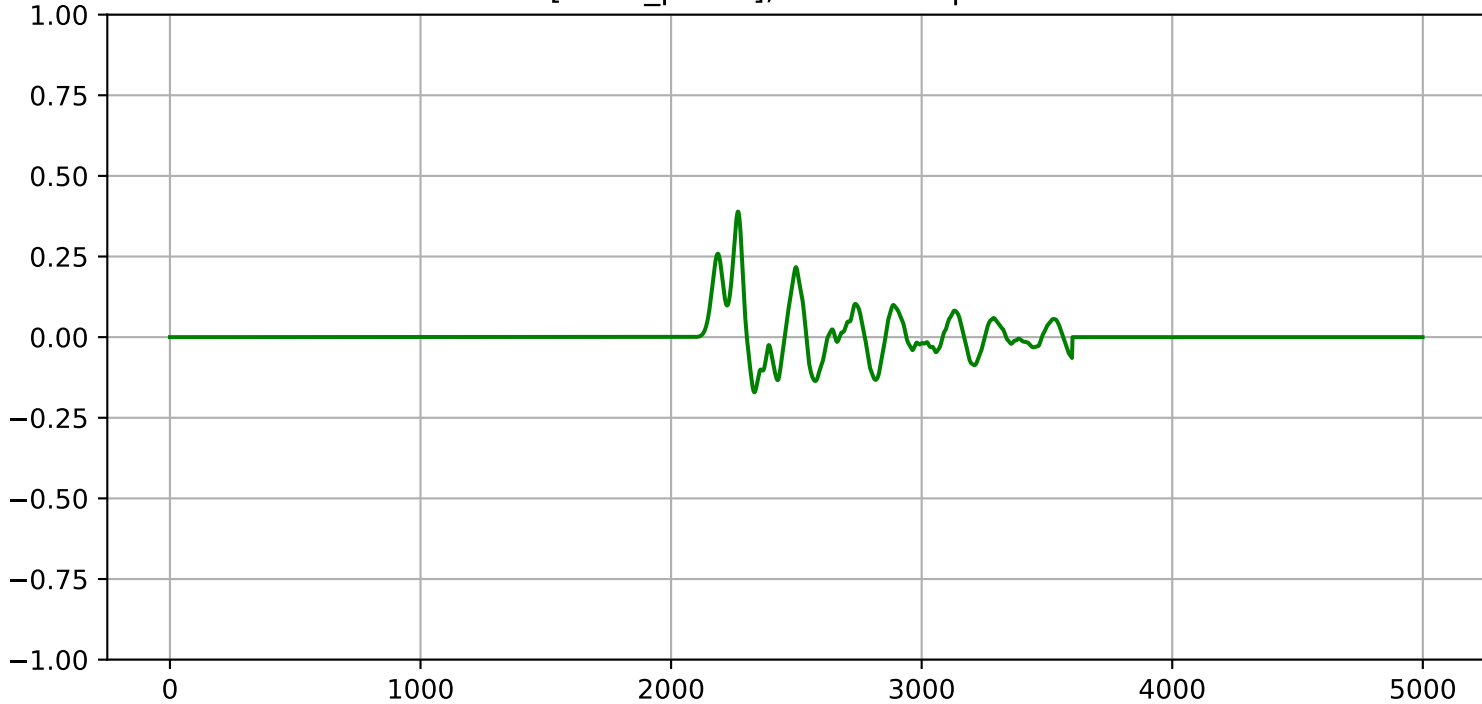
For N=20pairs; At the timestep 3600



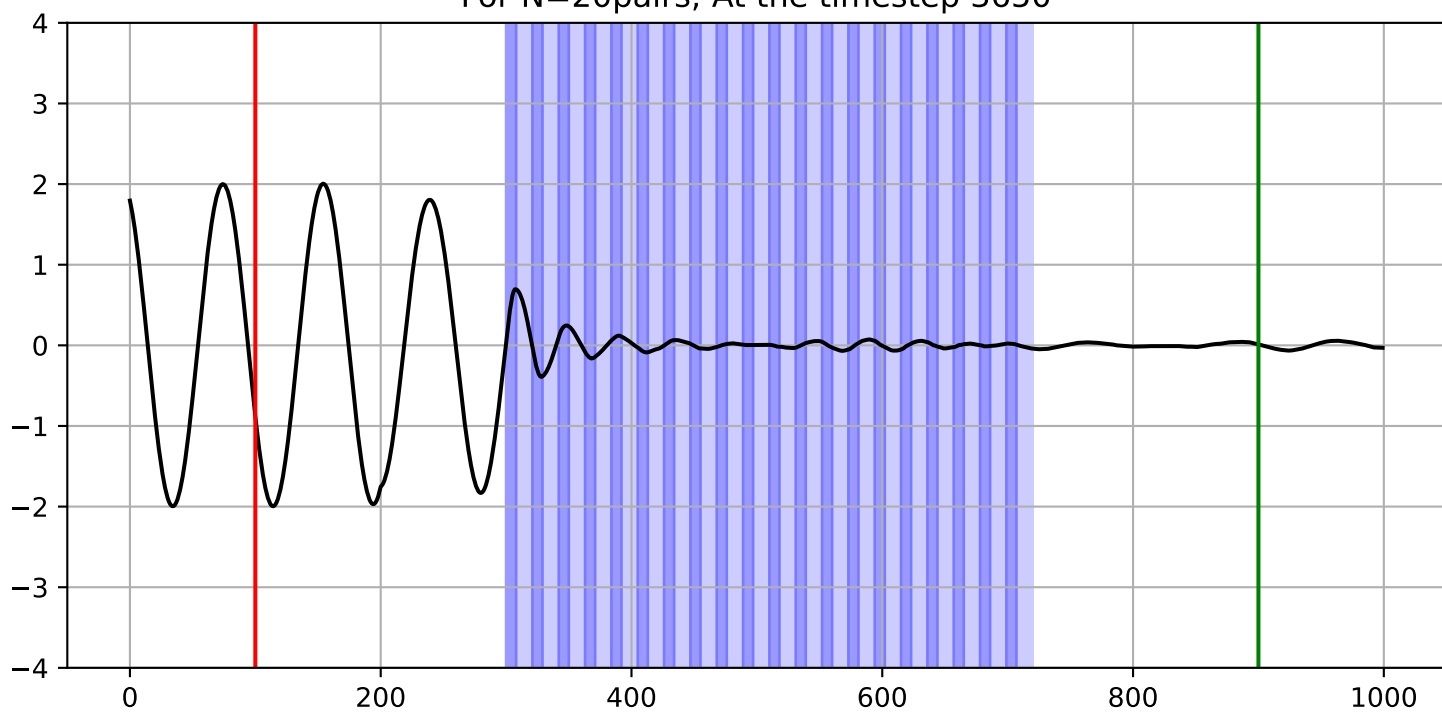
E[100]; At timestep 3600



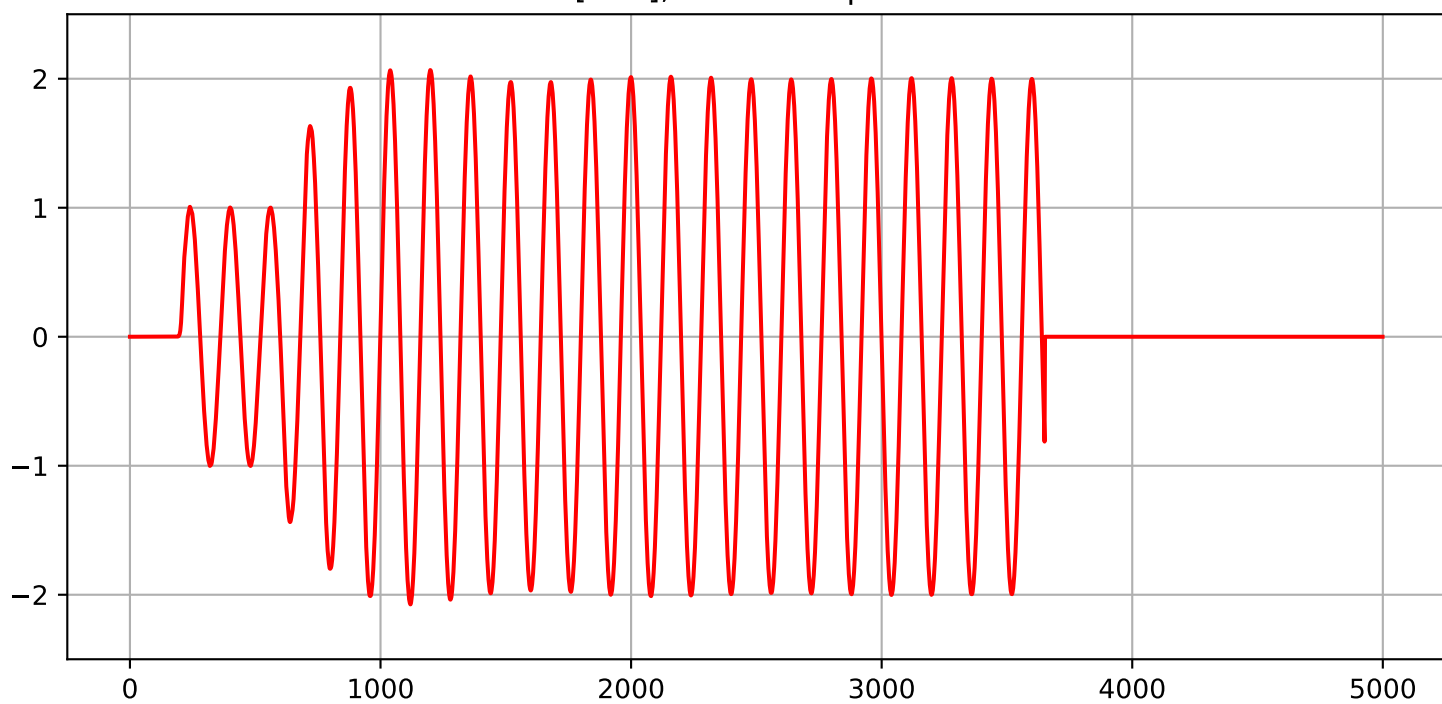
E[trans_probe]; At timestep 3600



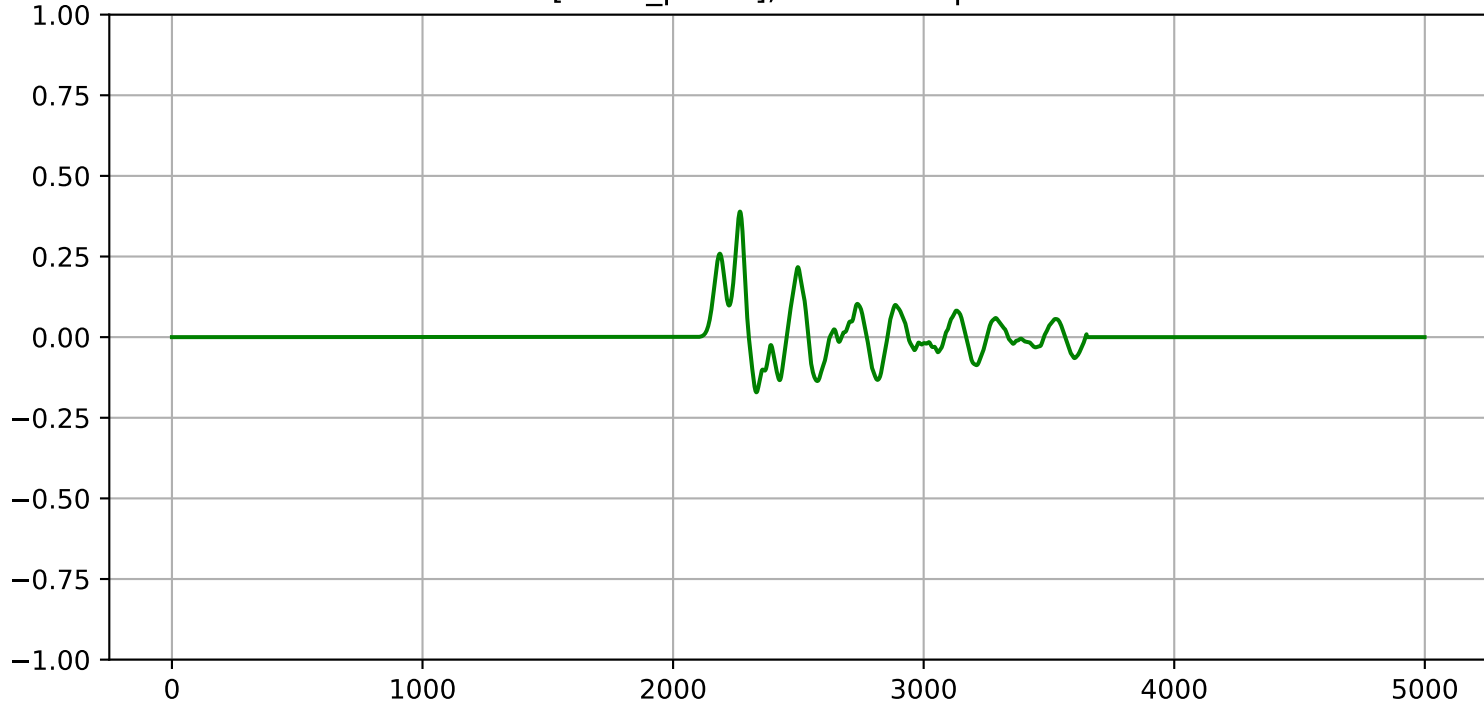
For N=20pairs; At the timestep 3650



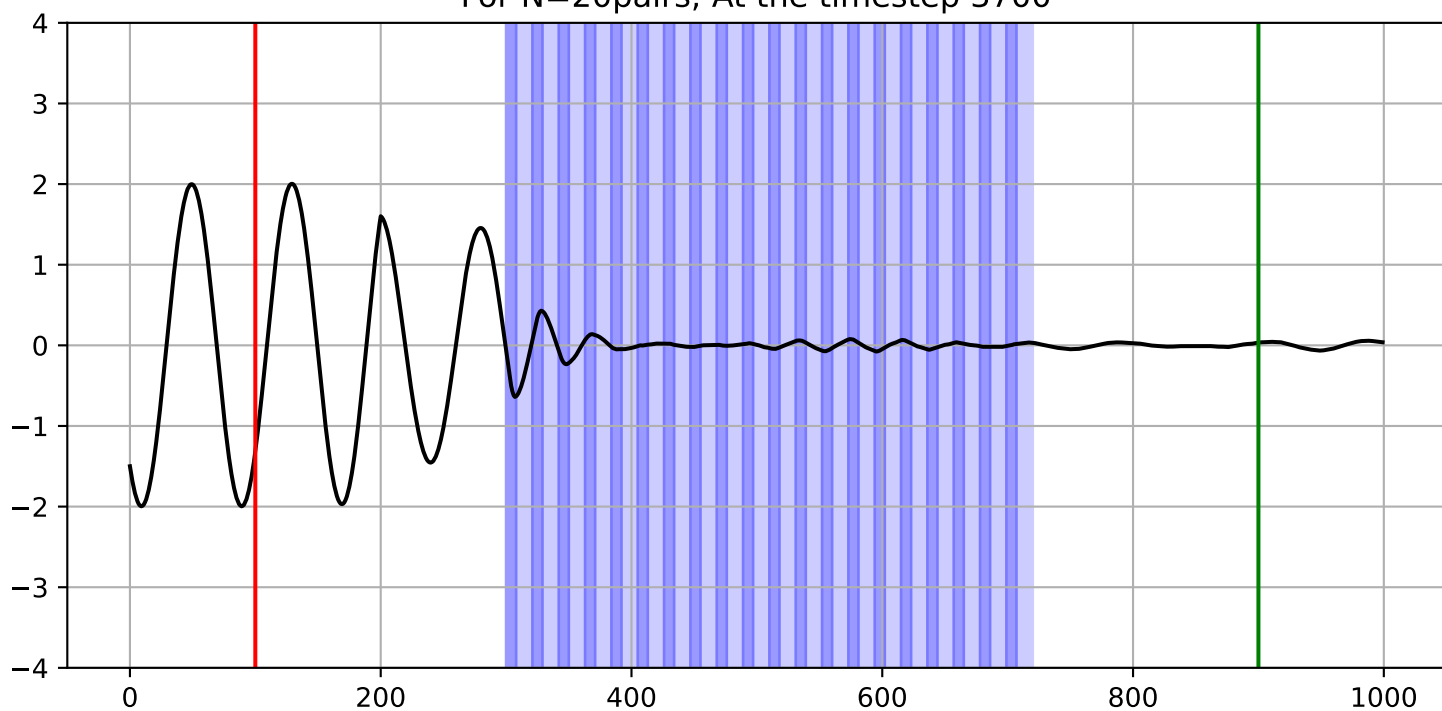
E[100]; At timestep 3650



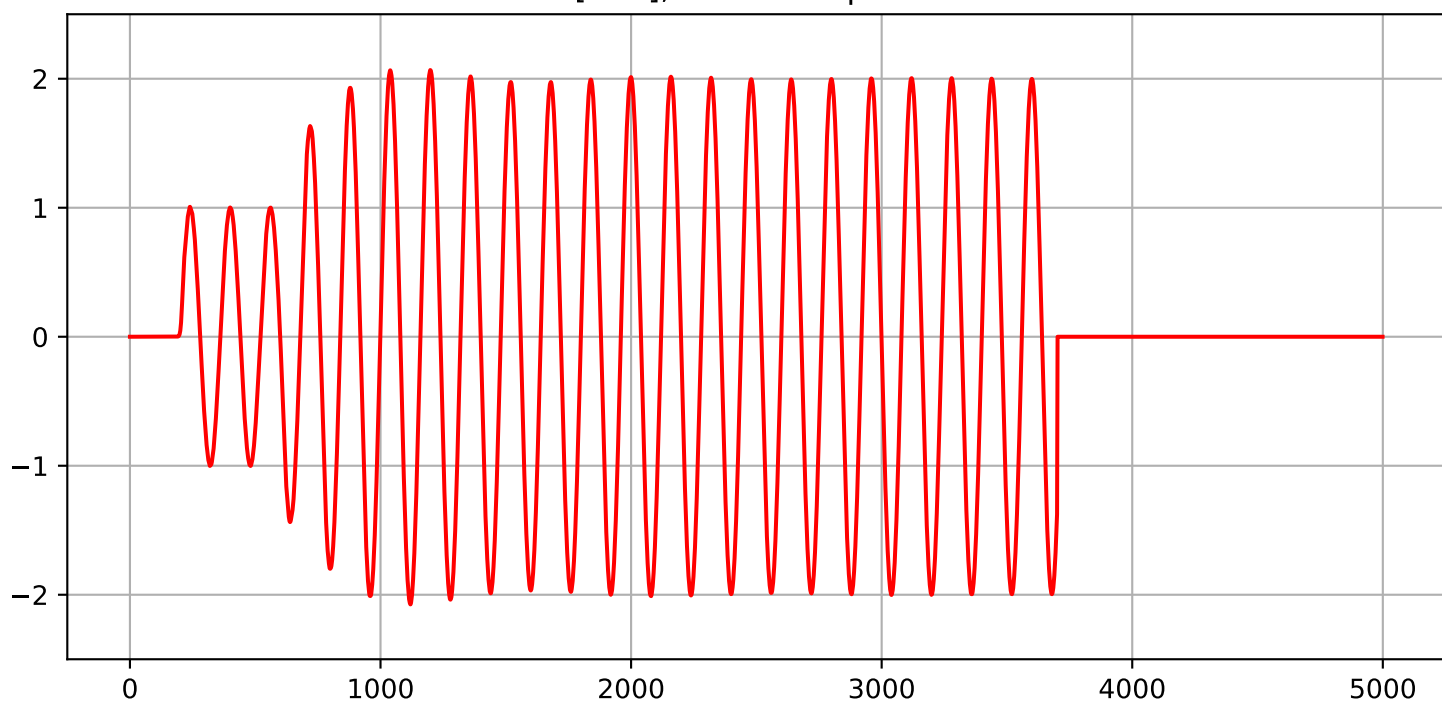
E[trans_probe]; At timestep 3650



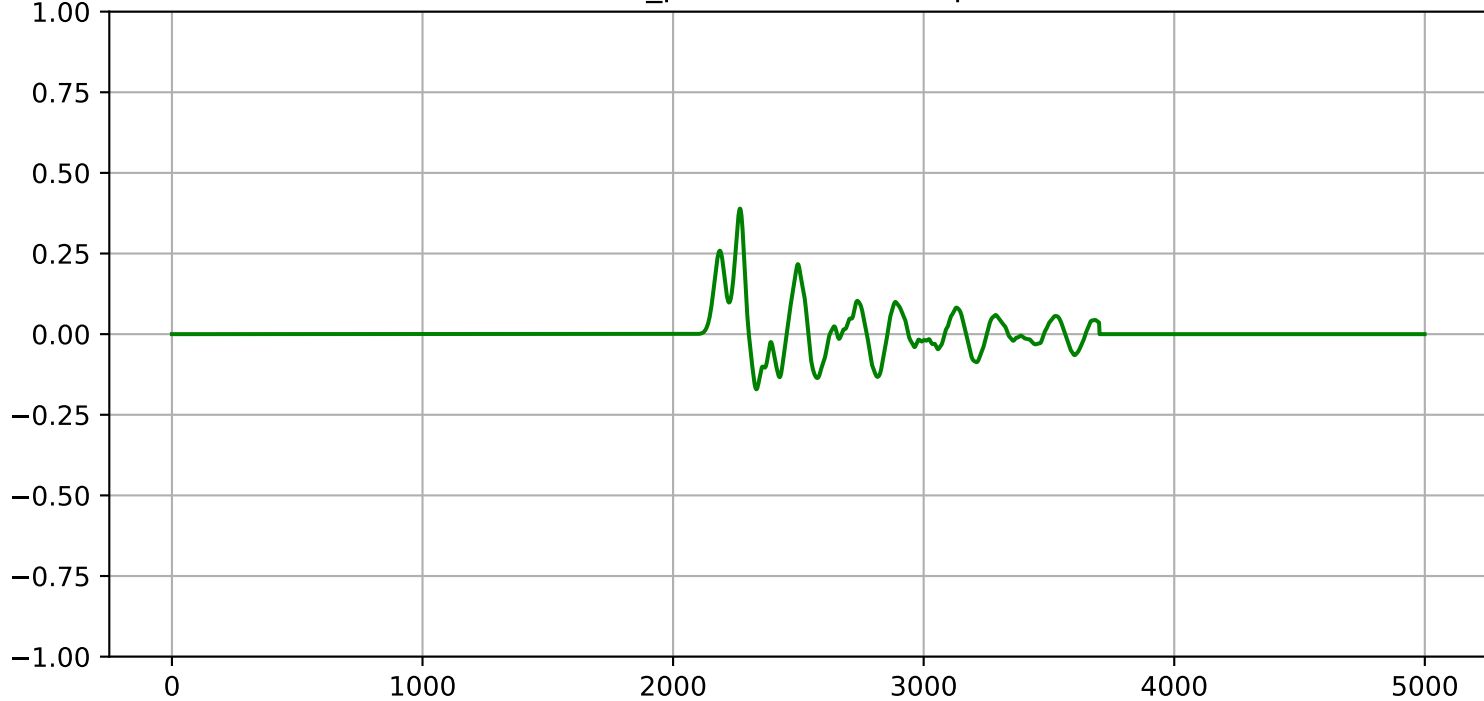
For N=20pairs; At the timestep 3700



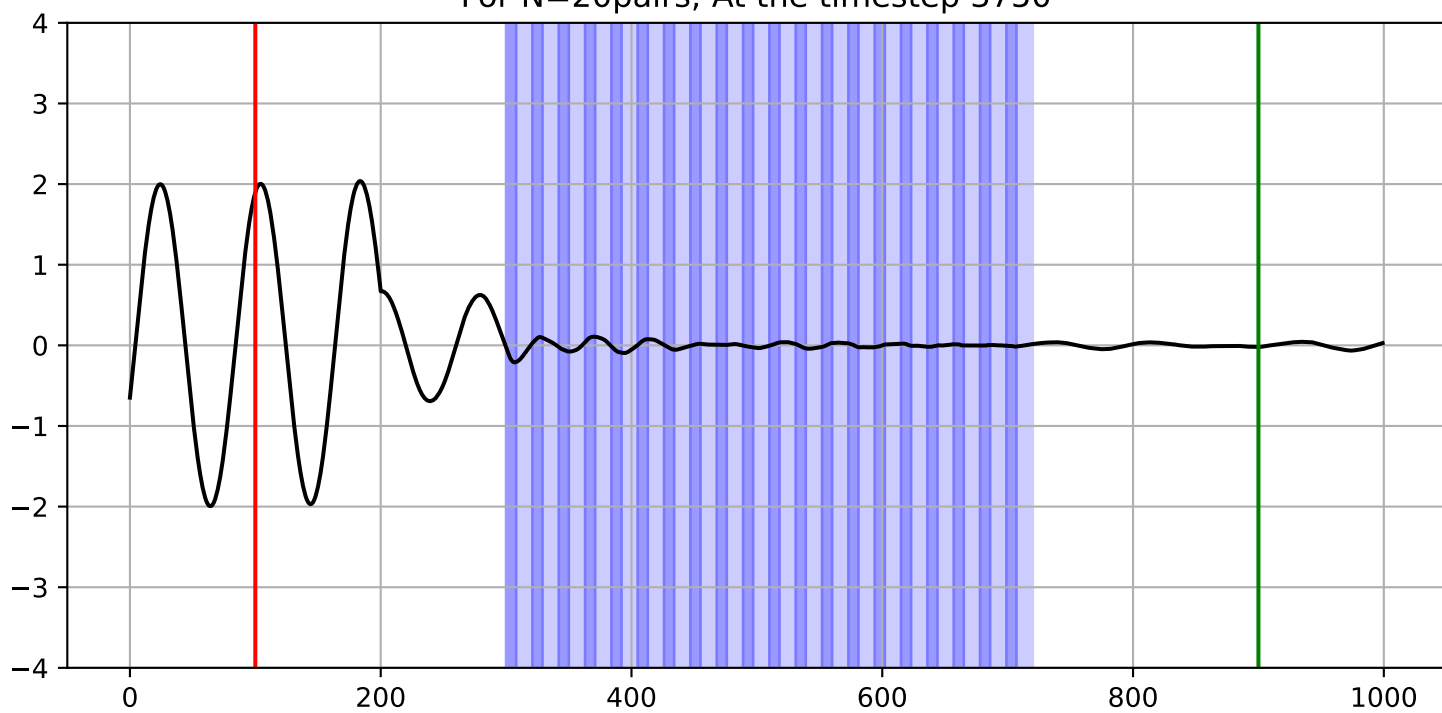
E[100]; At timestep 3700



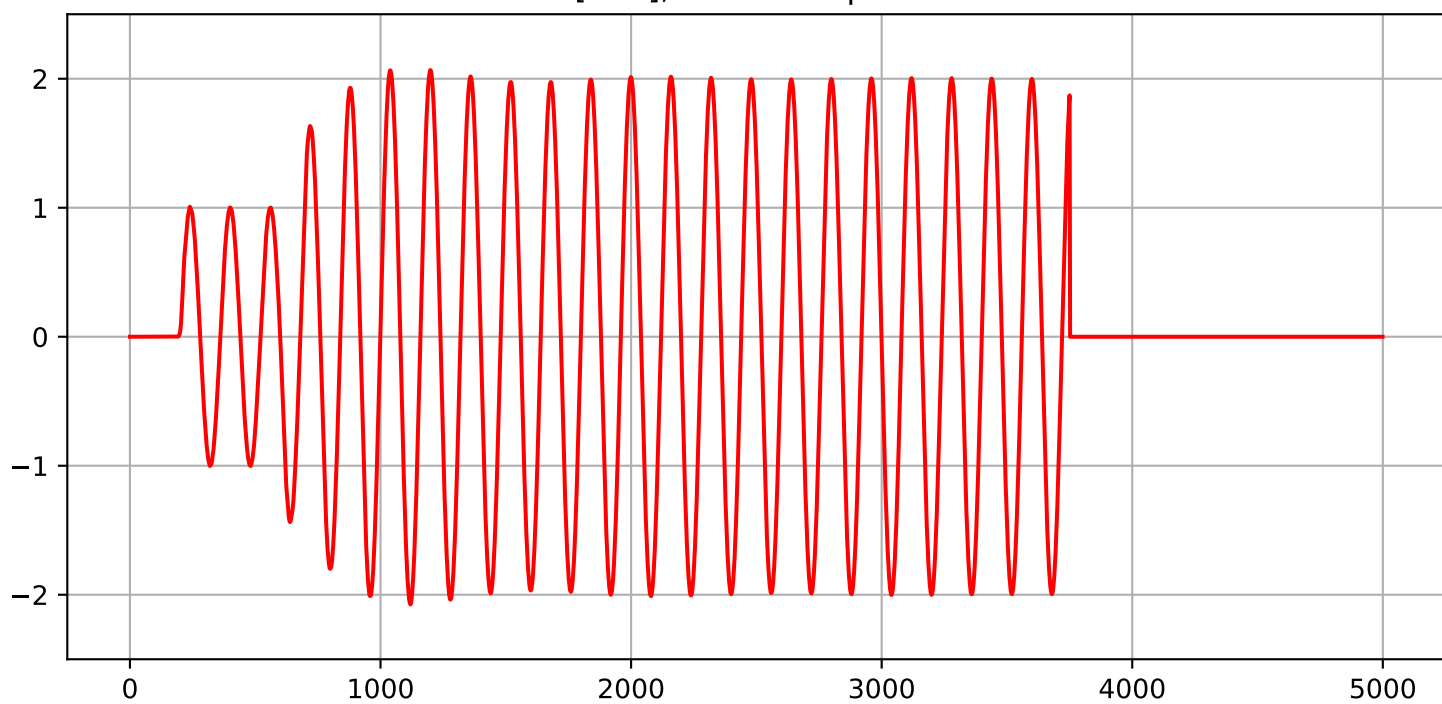
E[trans_probe]; At timestep 3700



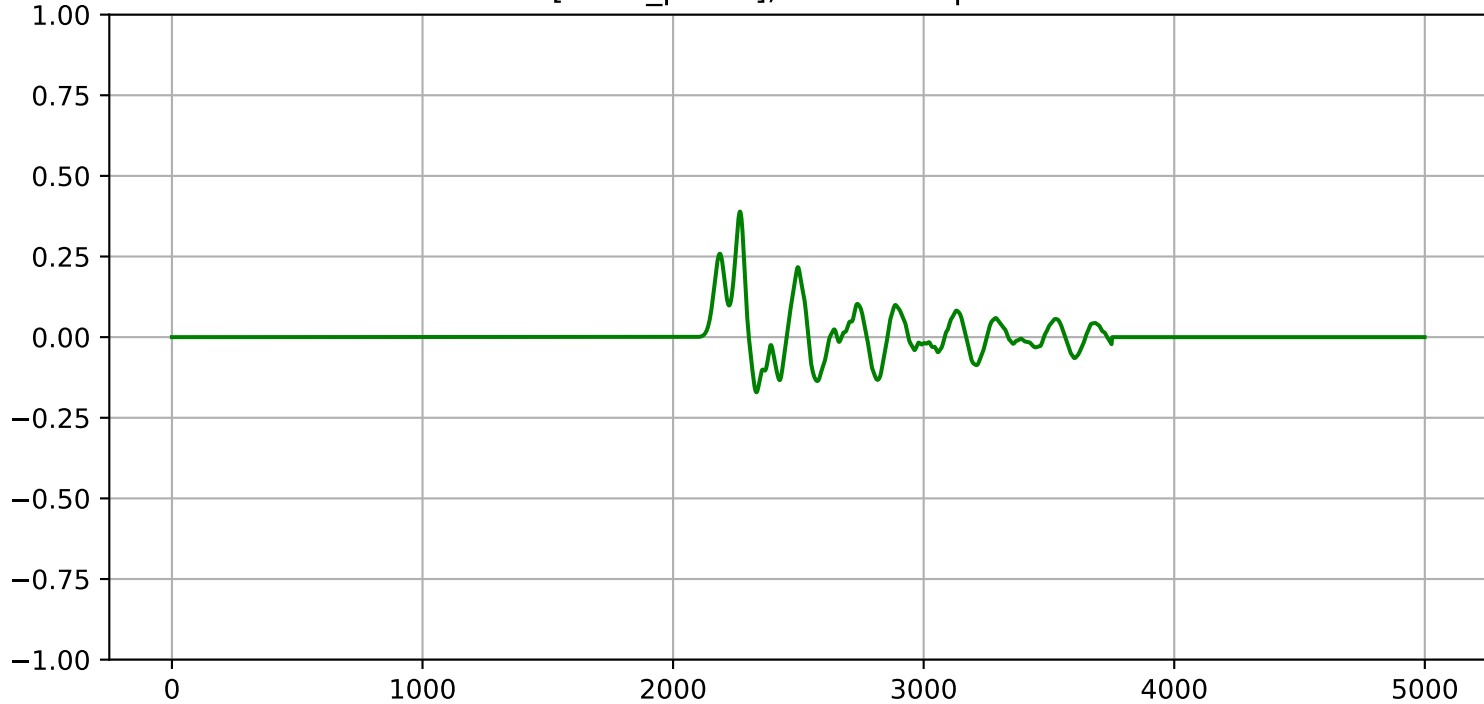
For N=20pairs; At the timestep 3750



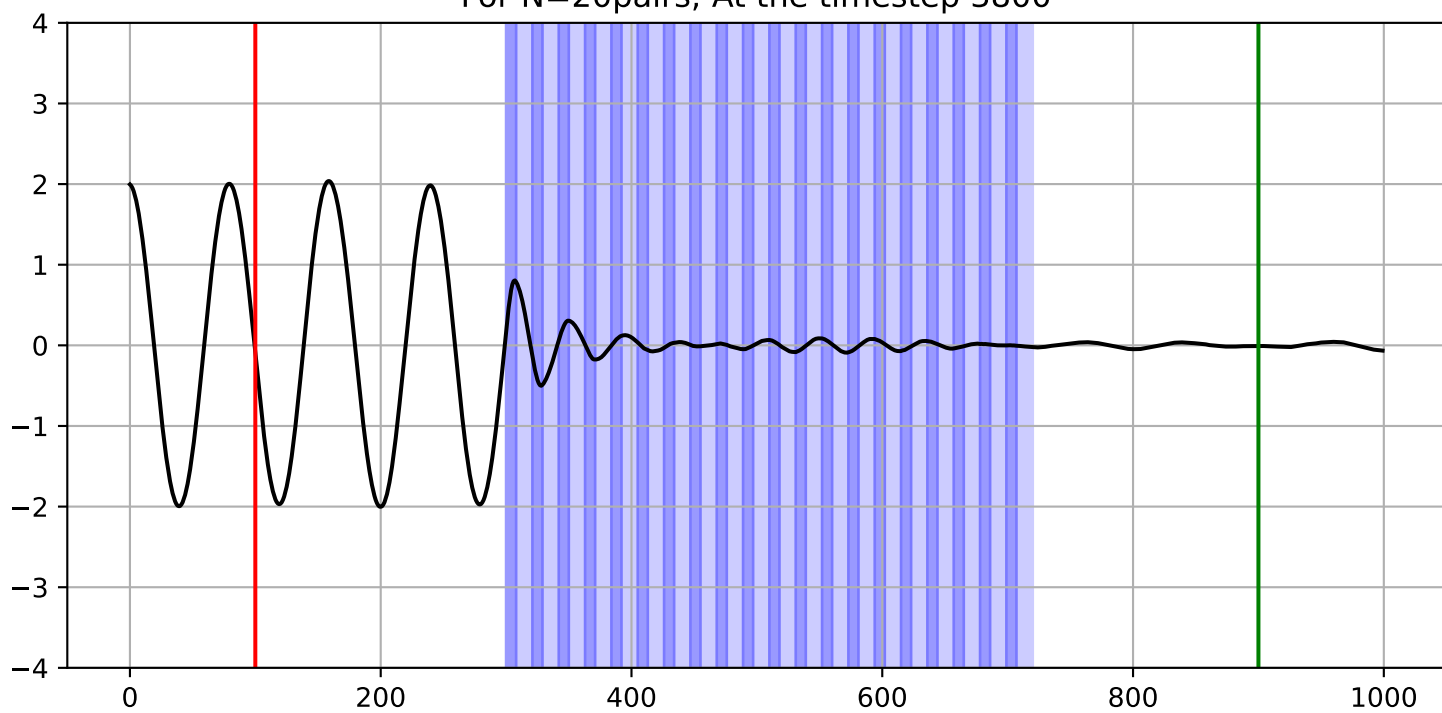
E[100]; At timestep 3750



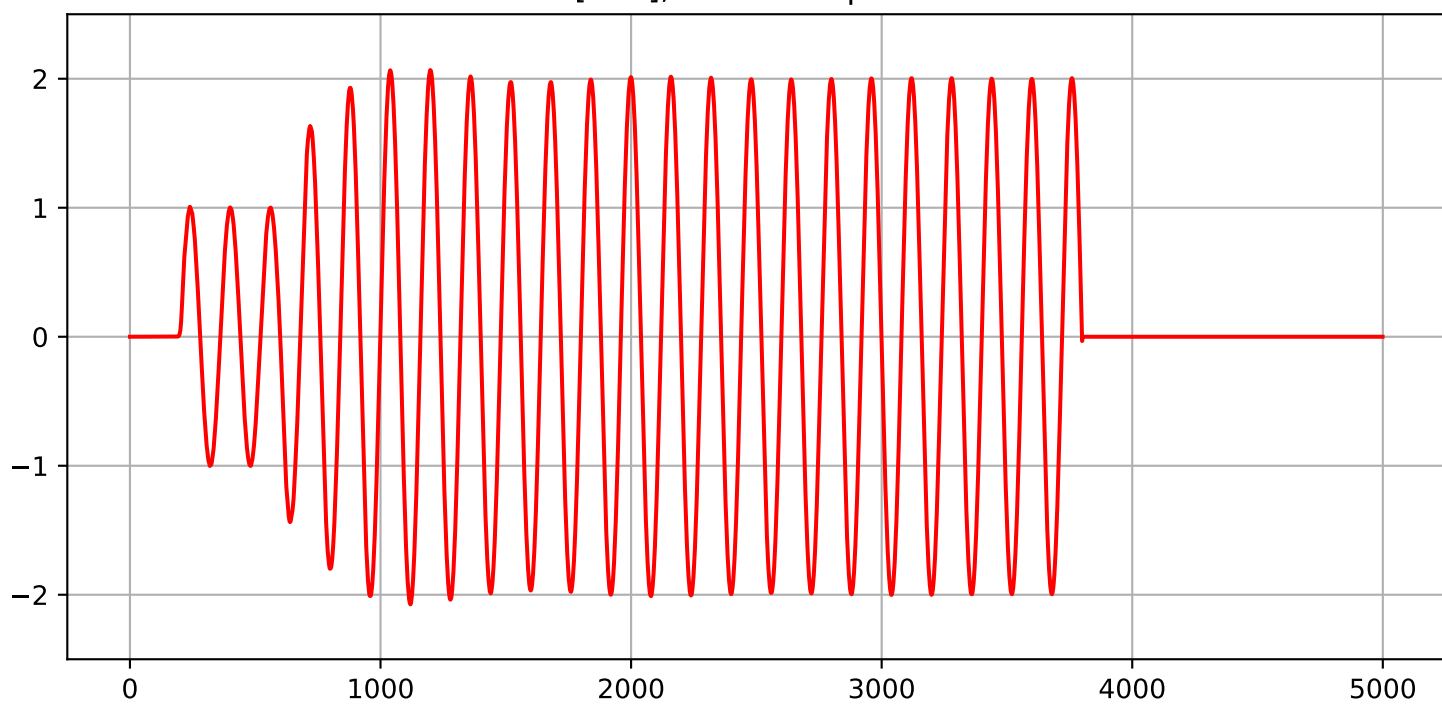
E[trans_probe]; At timestep 3750



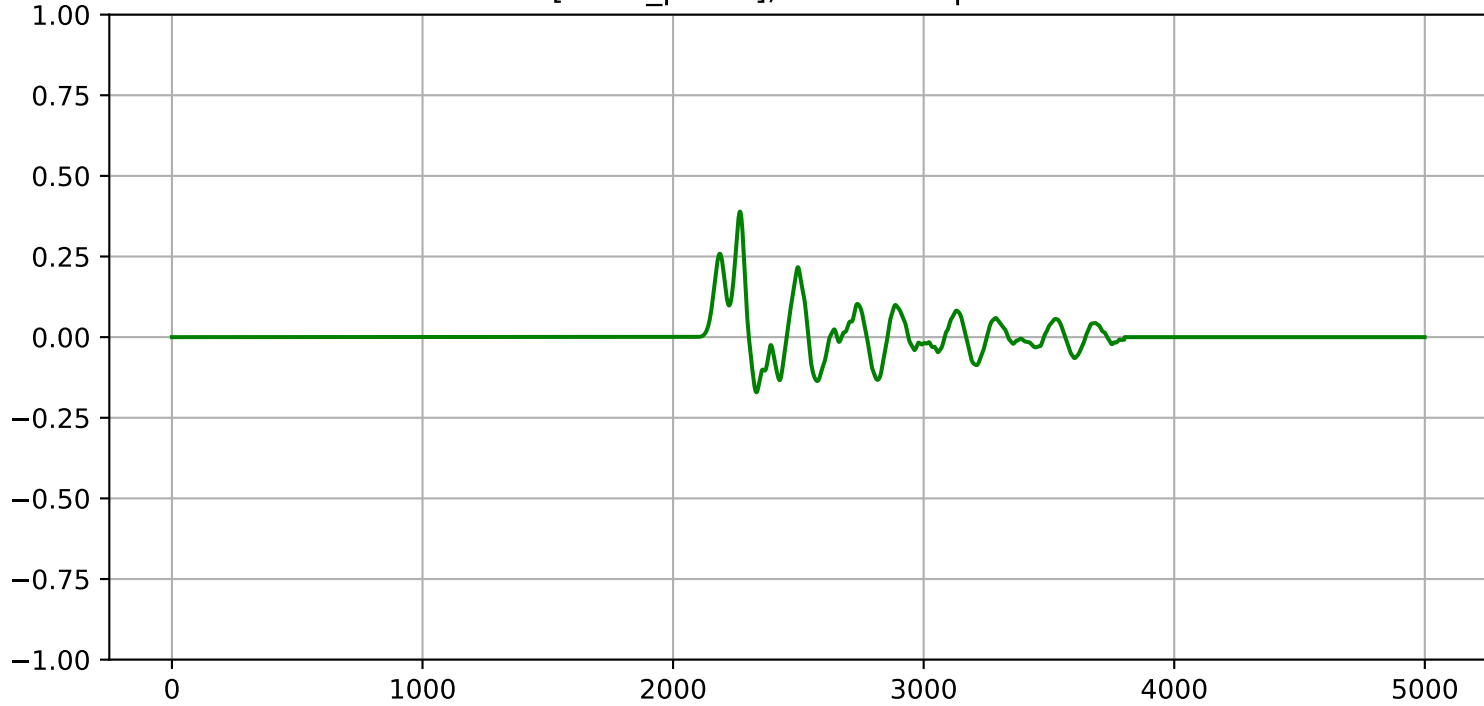
For N=20pairs; At the timestep 3800



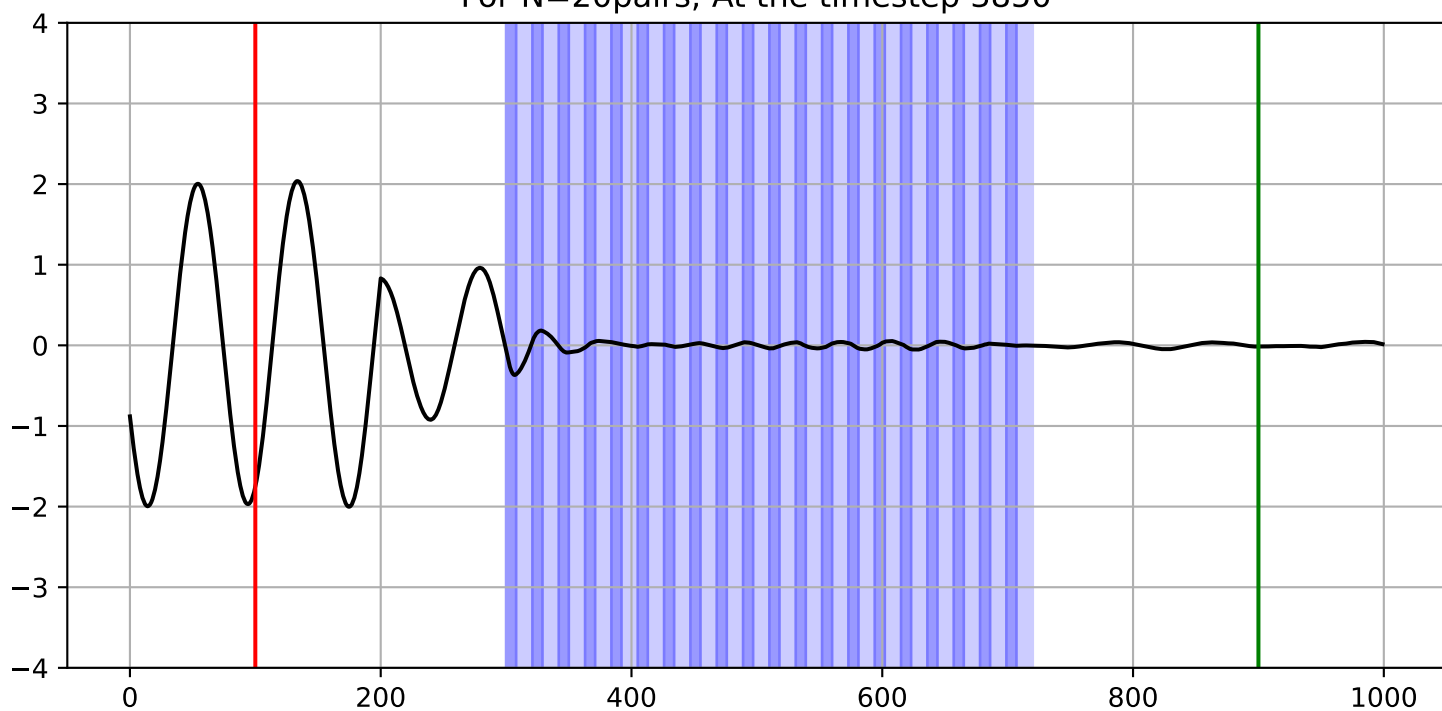
E[100]; At timestep 3800



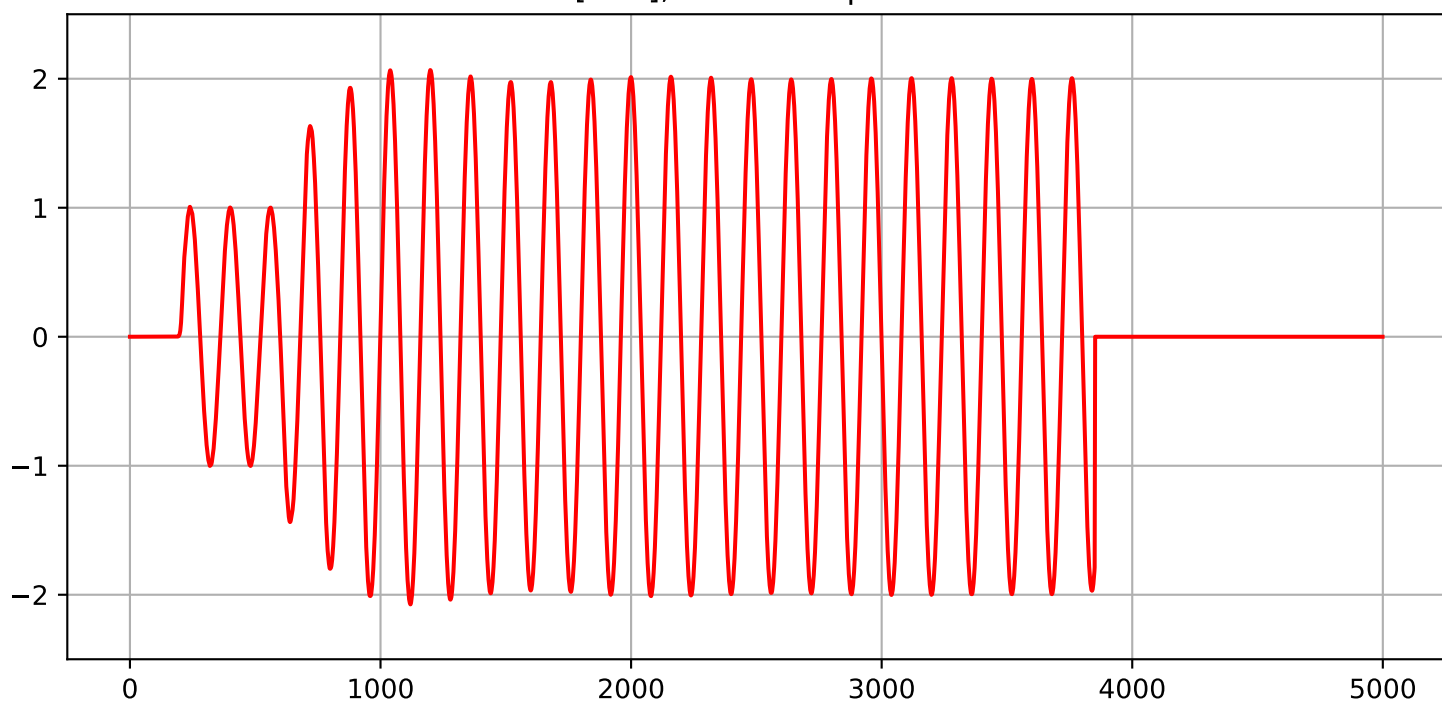
E[trans_probe]; At timestep 3800



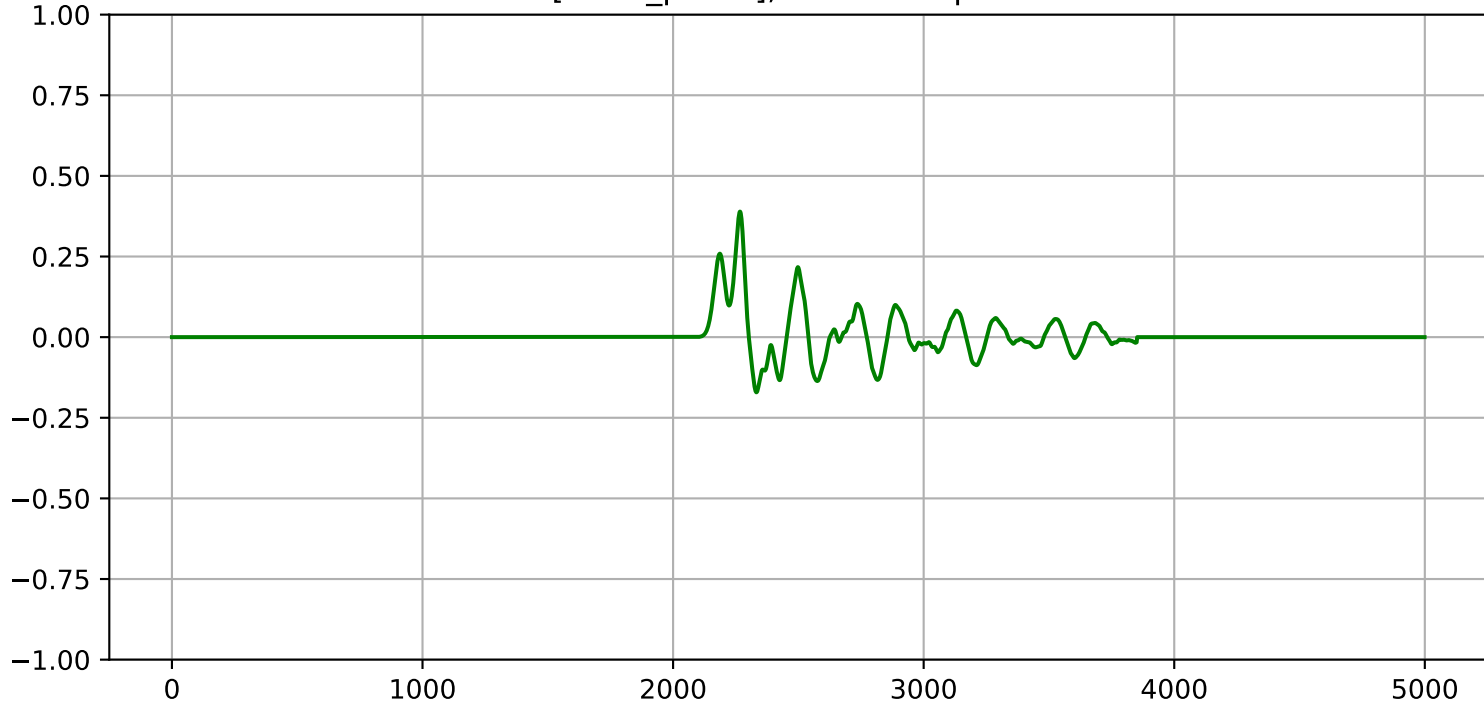
For N=20pairs; At the timestep 3850



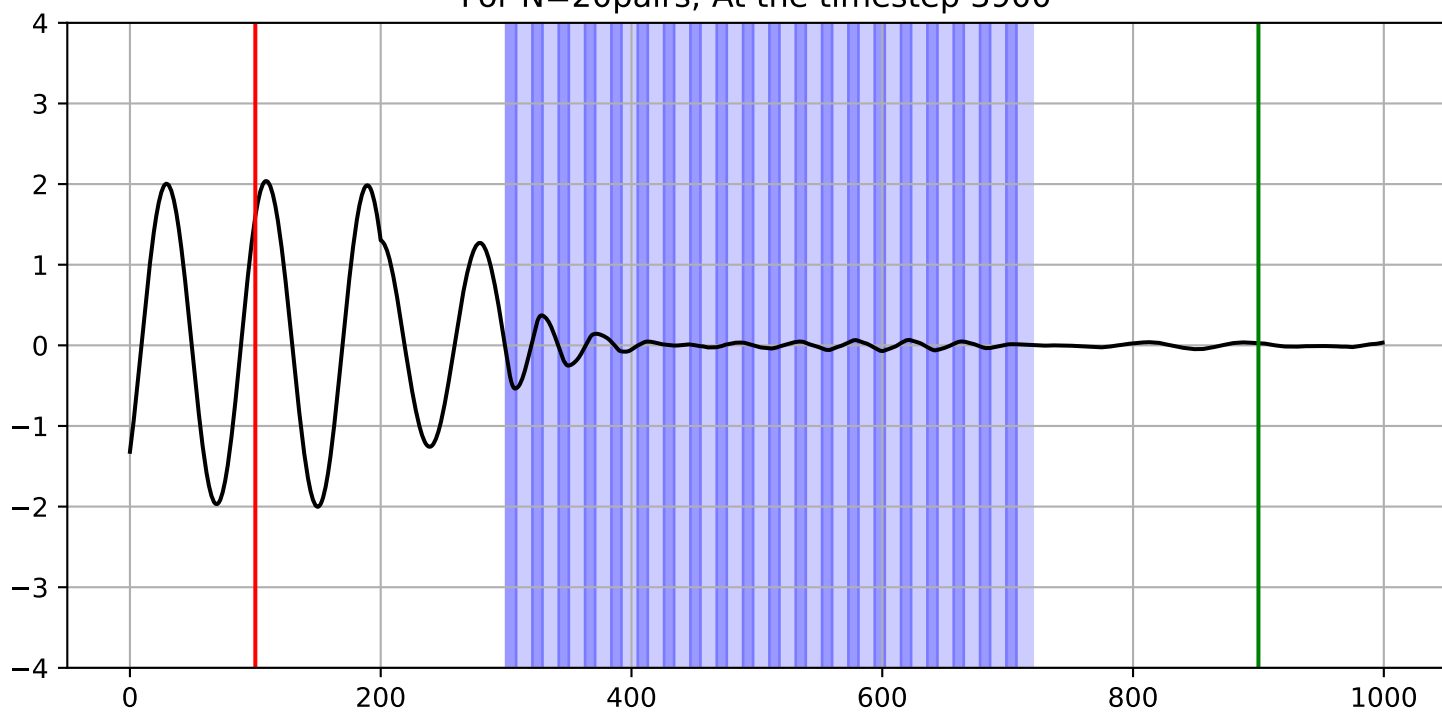
E[100]; At timestep 3850



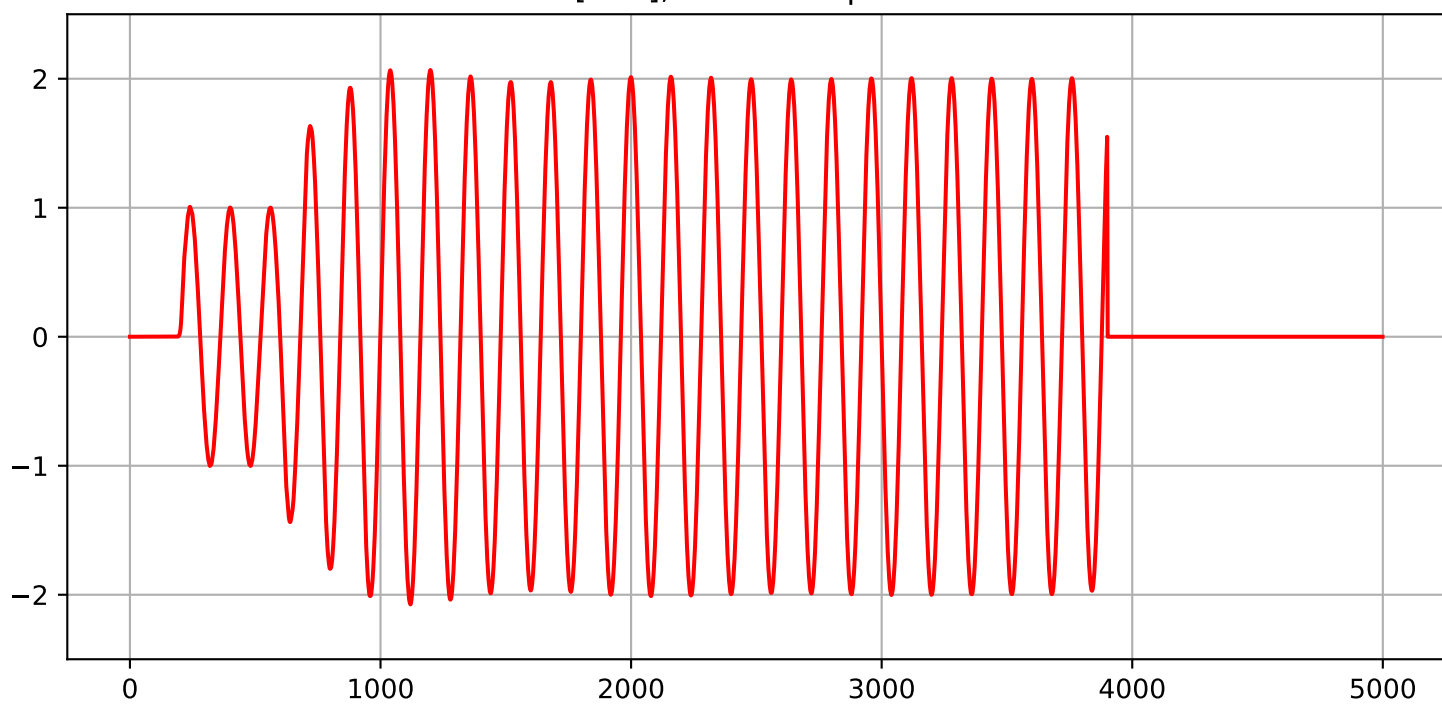
E[trans_probe]; At timestep 3850



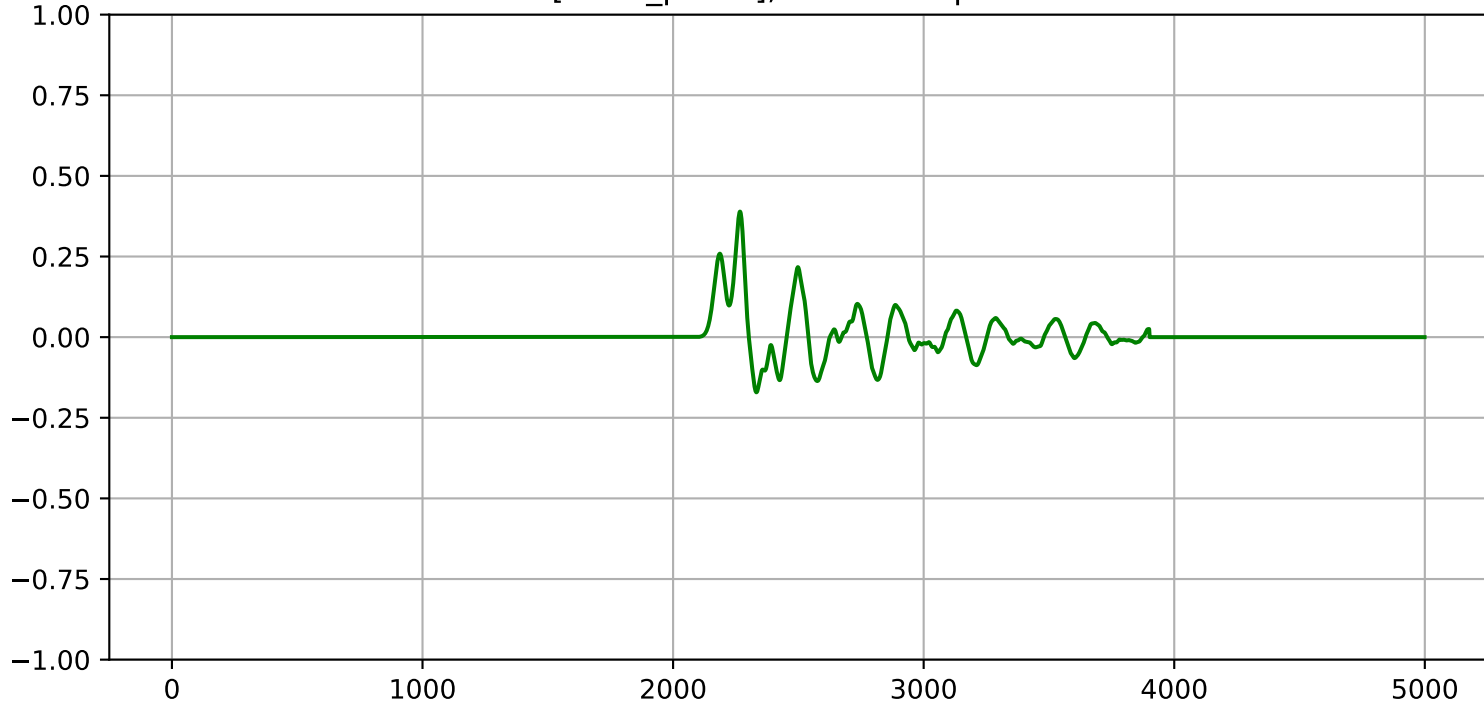
For N=20pairs; At the timestep 3900



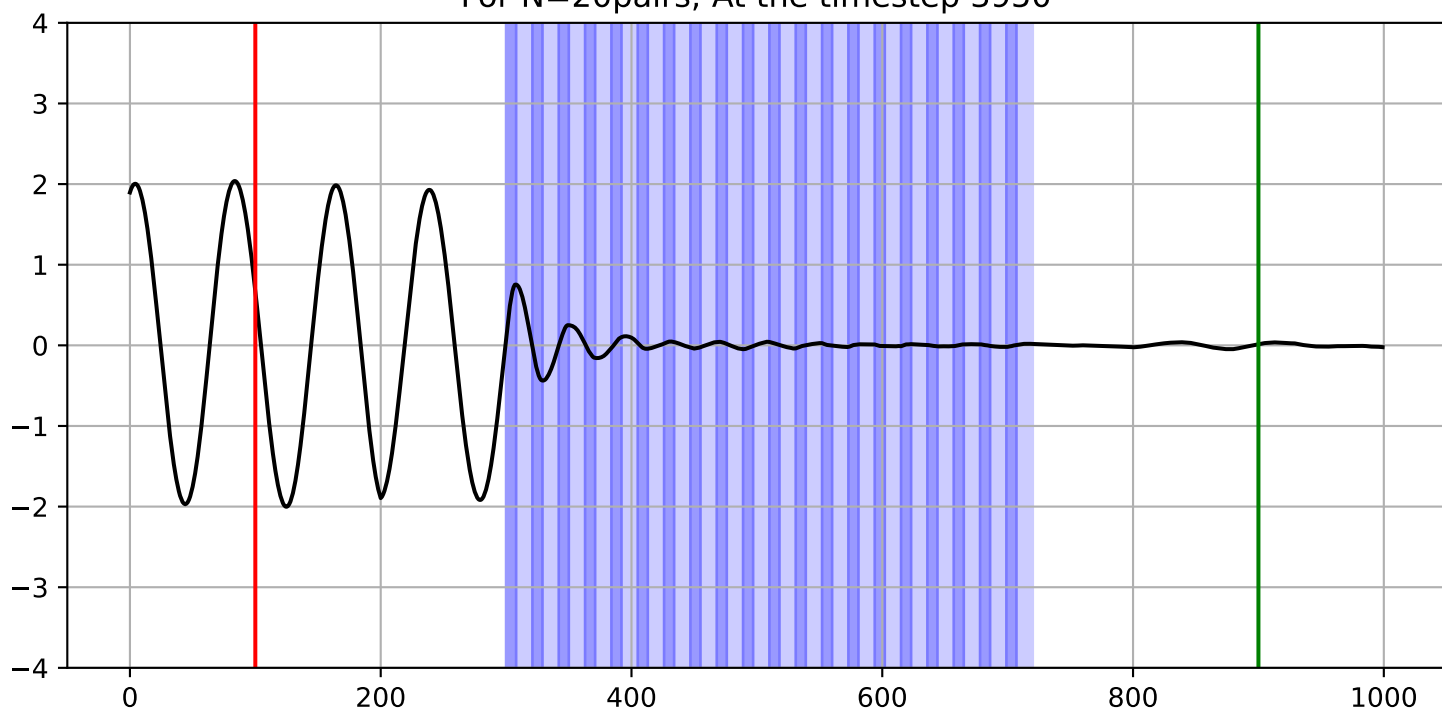
E[100]; At timestep 3900



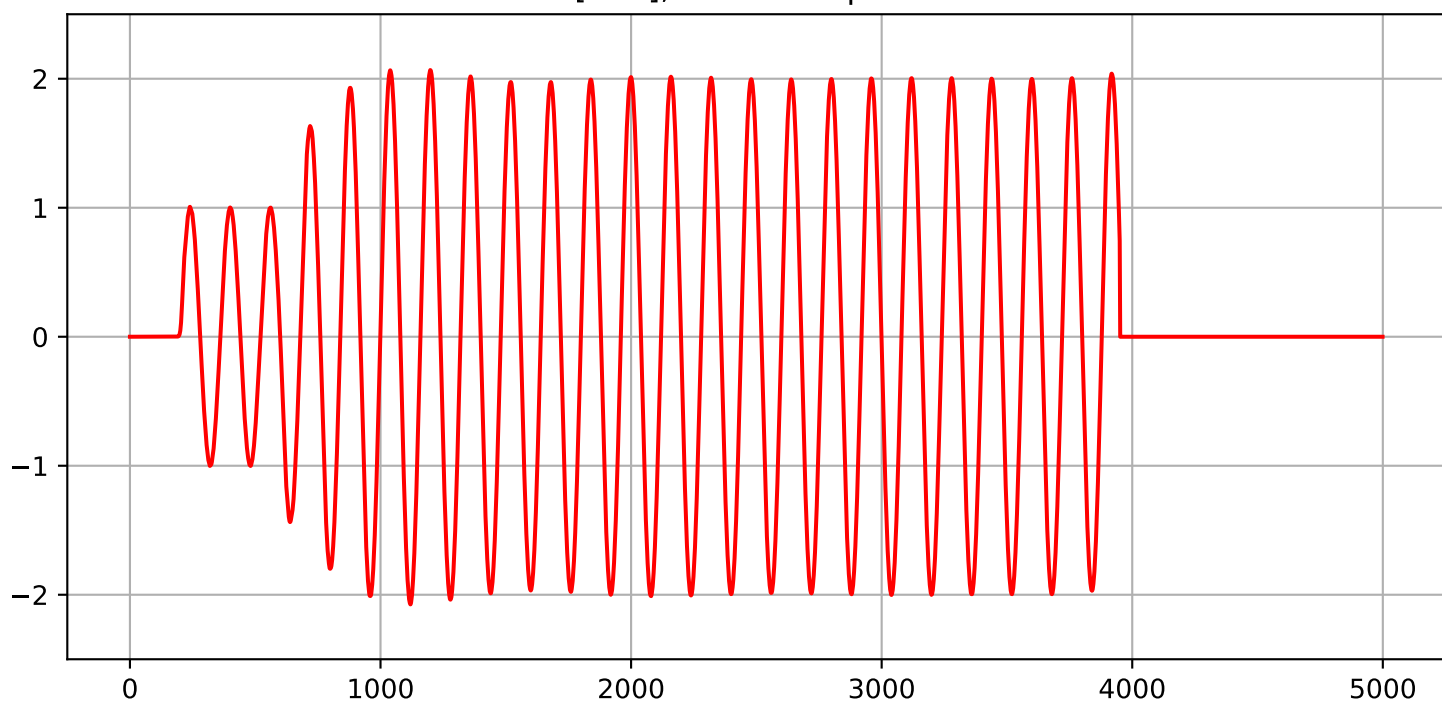
E[trans_probe]; At timestep 3900



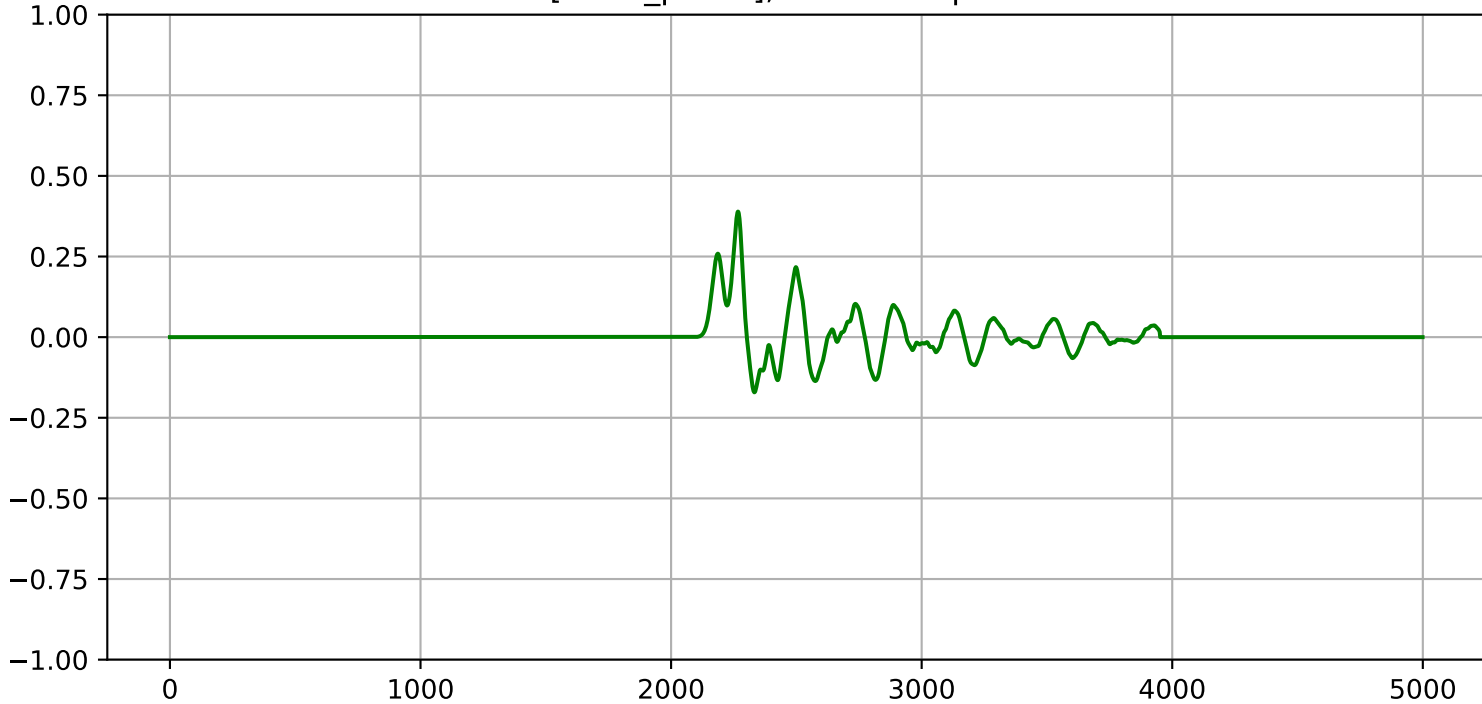
For N=20pairs; At the timestep 3950



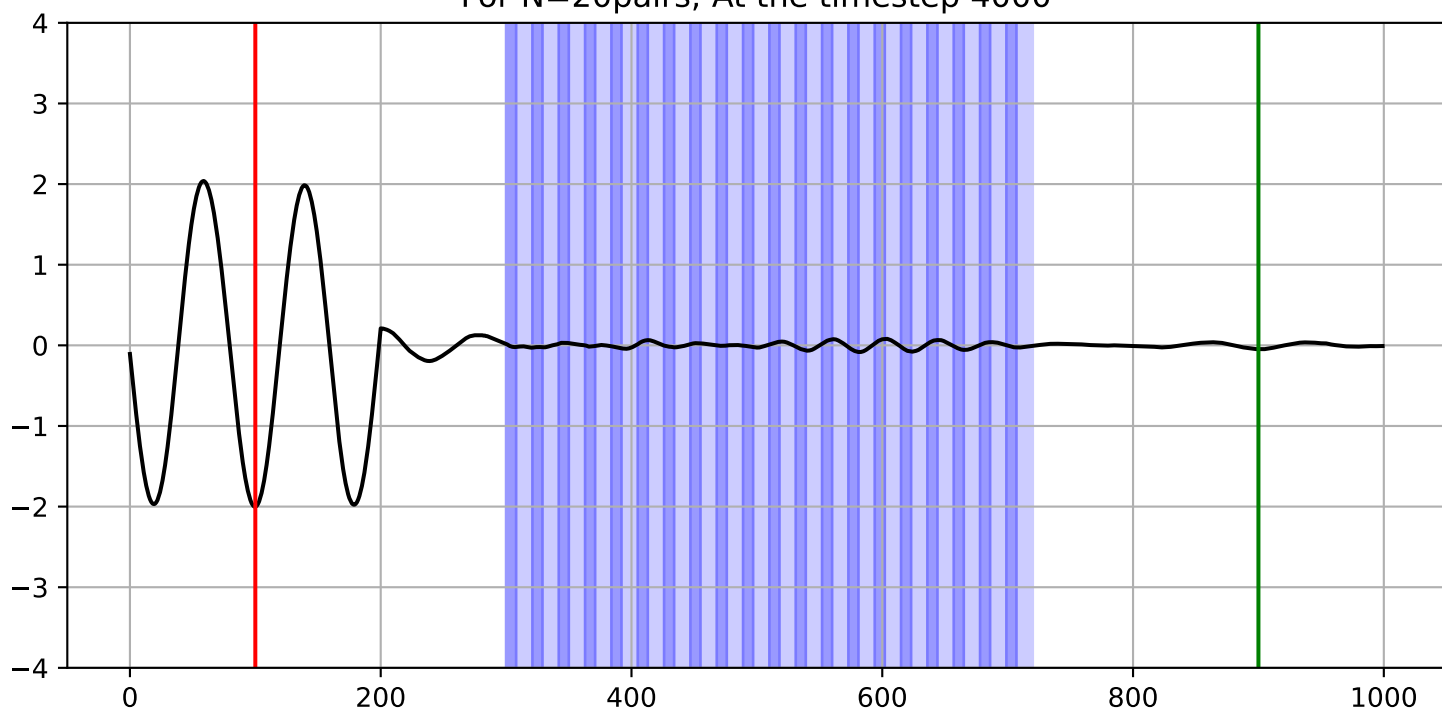
E[100]; At timestep 3950



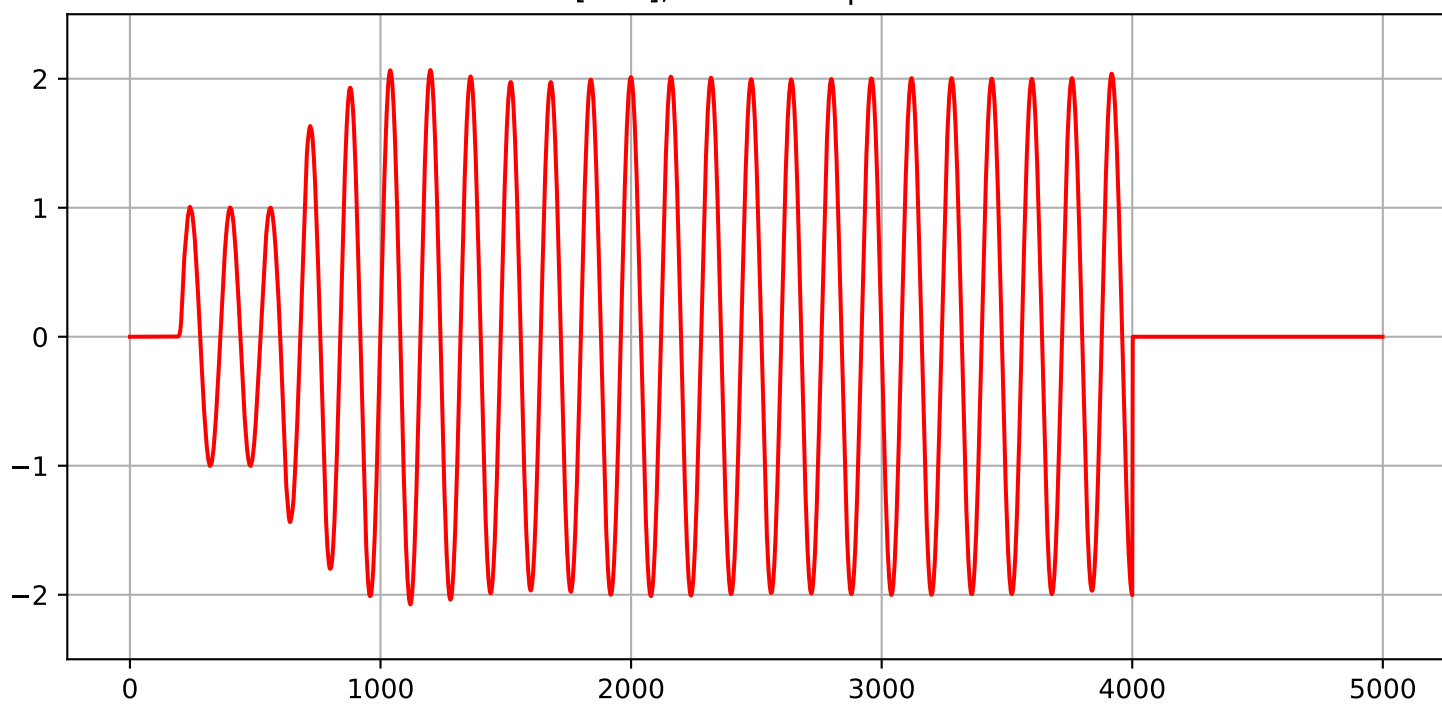
E[trans_probe]; At timestep 3950



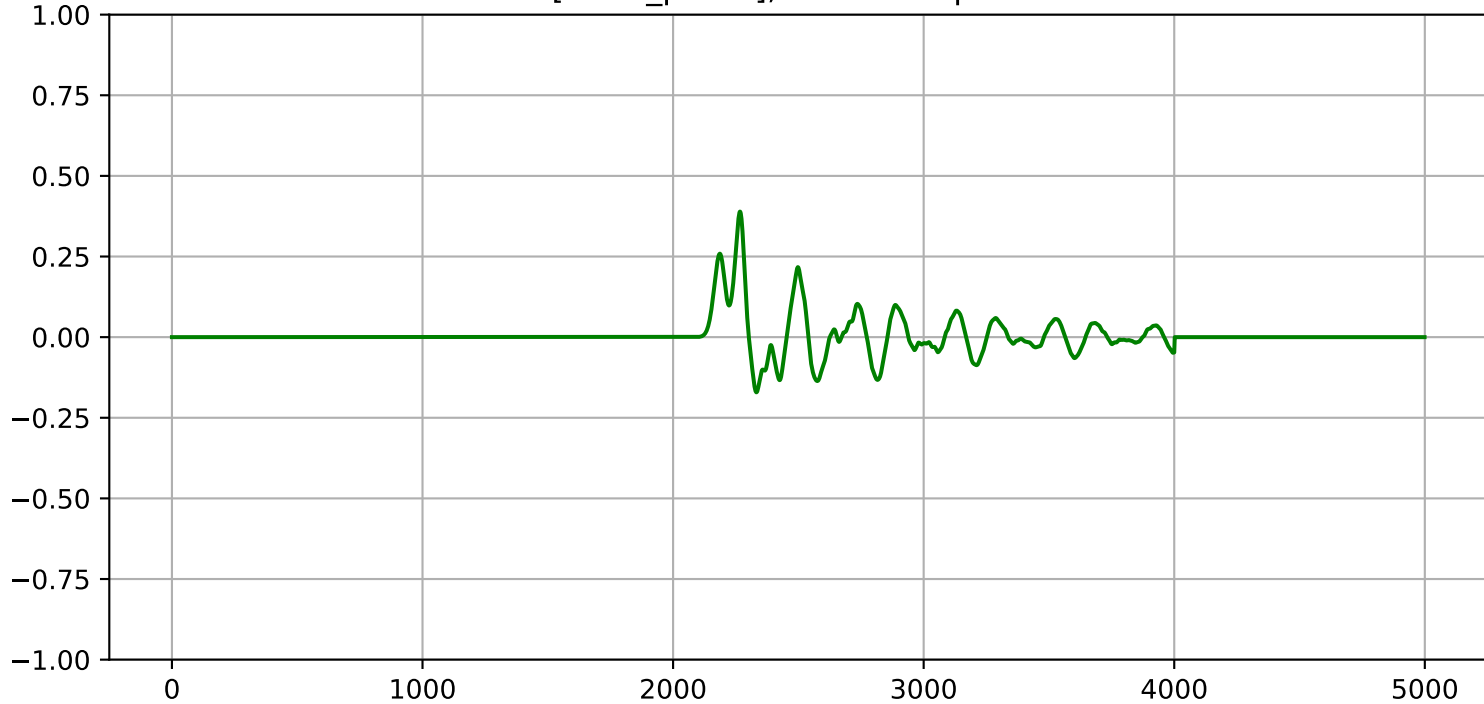
For N=20pairs; At the timestep 4000



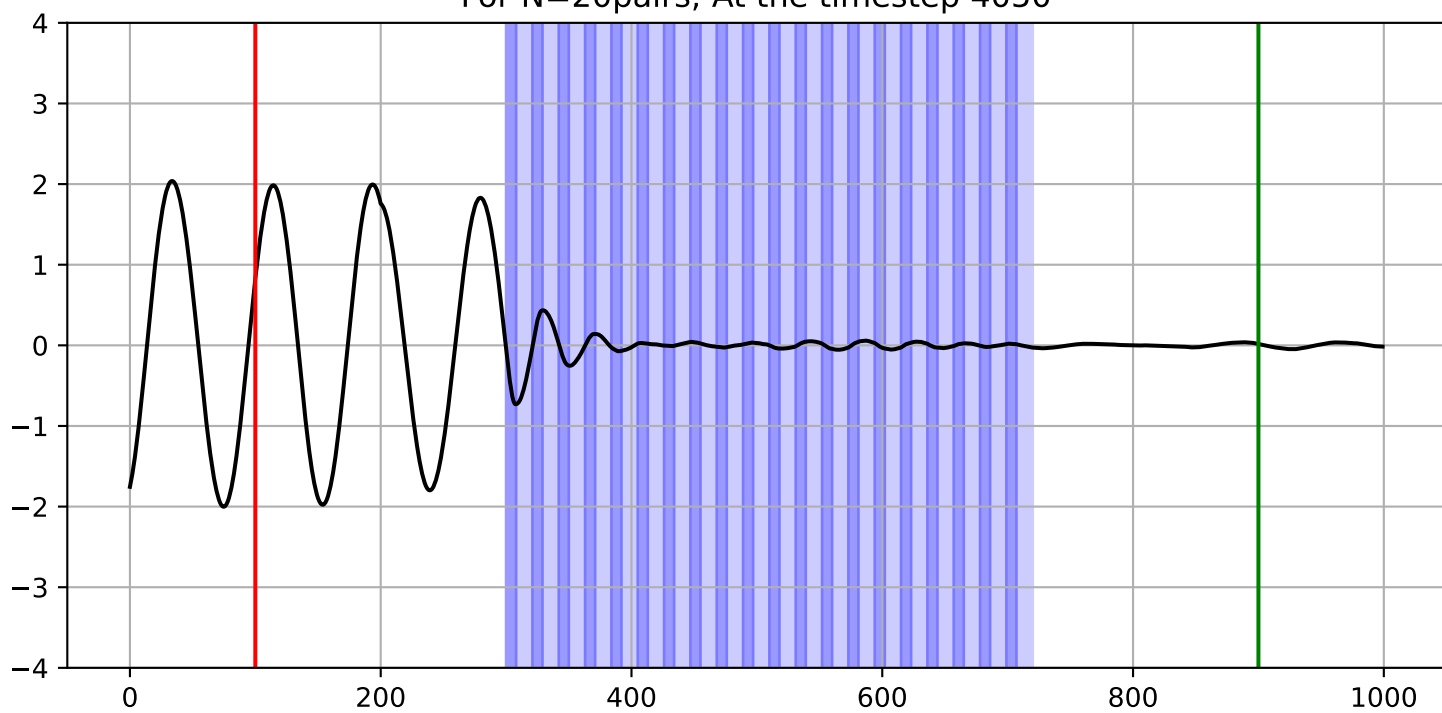
E[100]; At timestep 4000



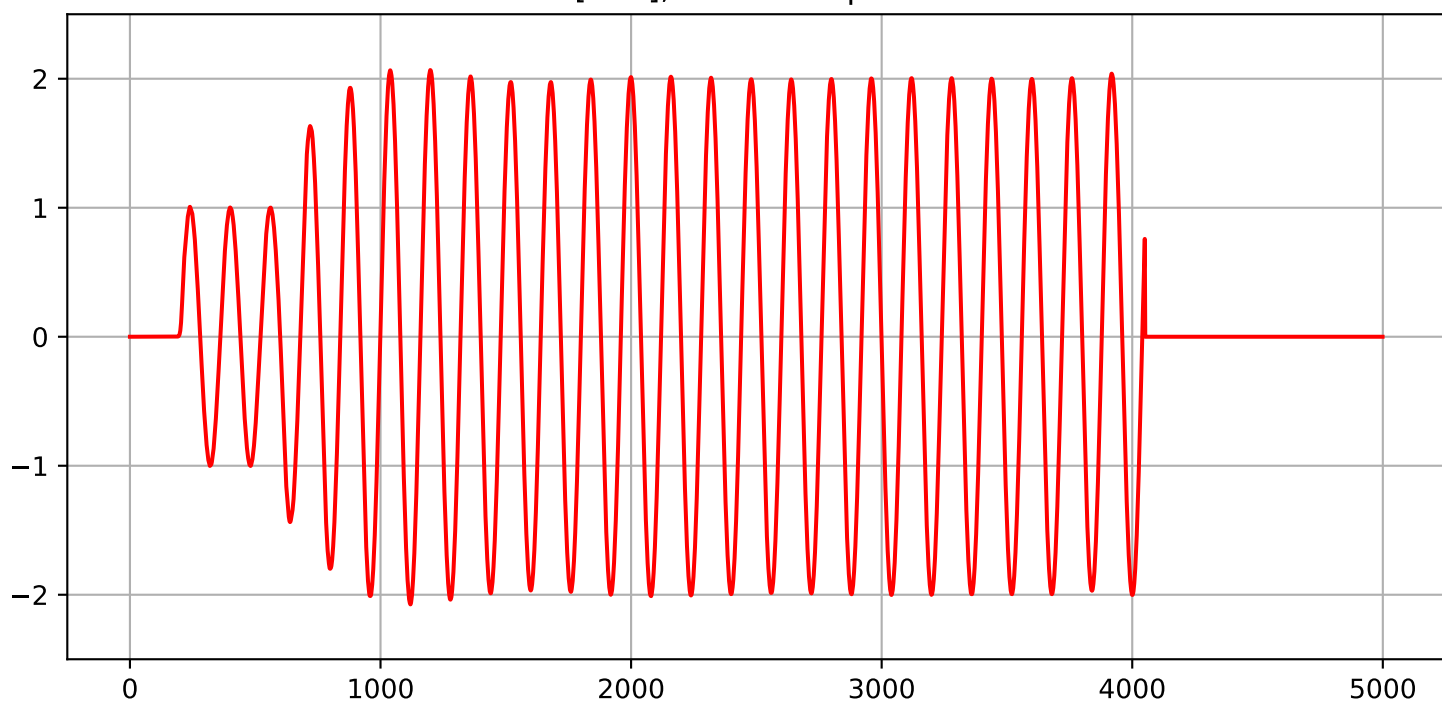
E[trans_probe]; At timestep 4000



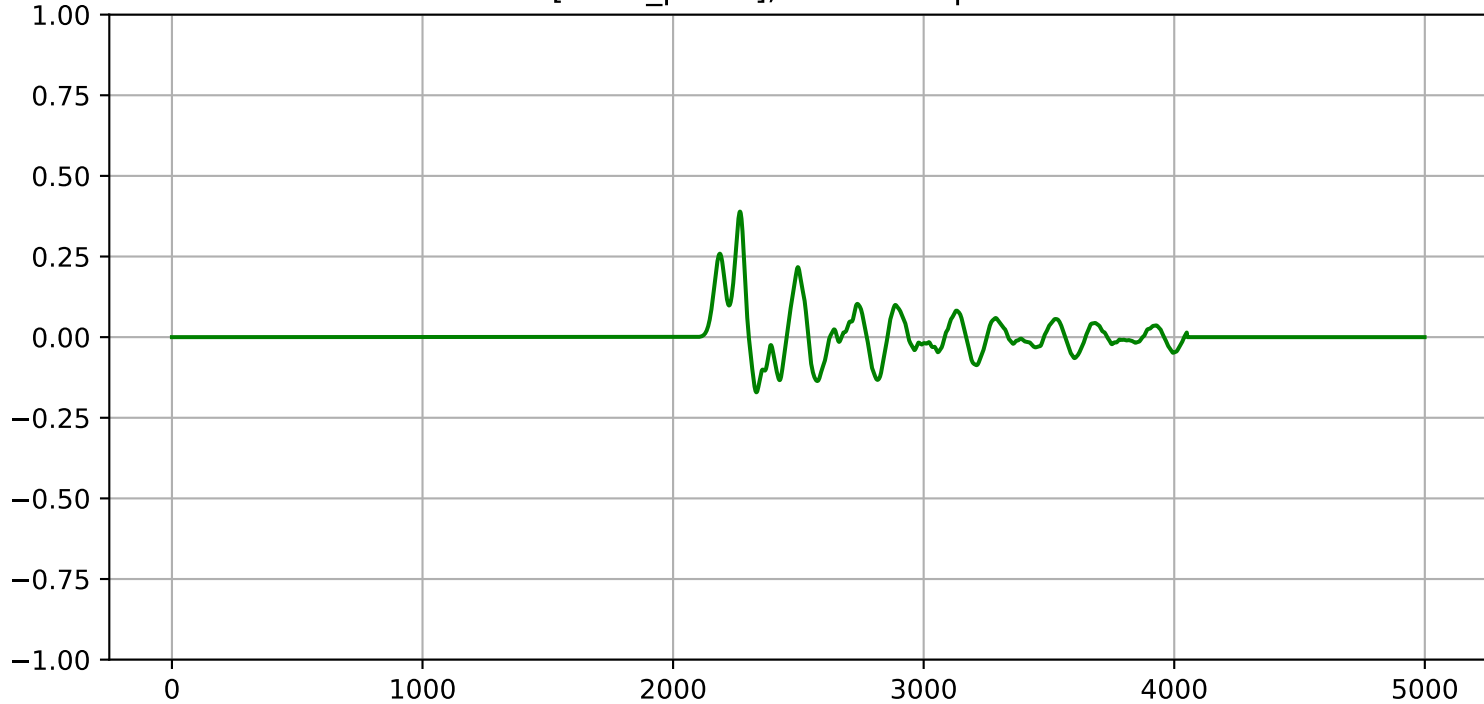
For N=20pairs; At the timestep 4050



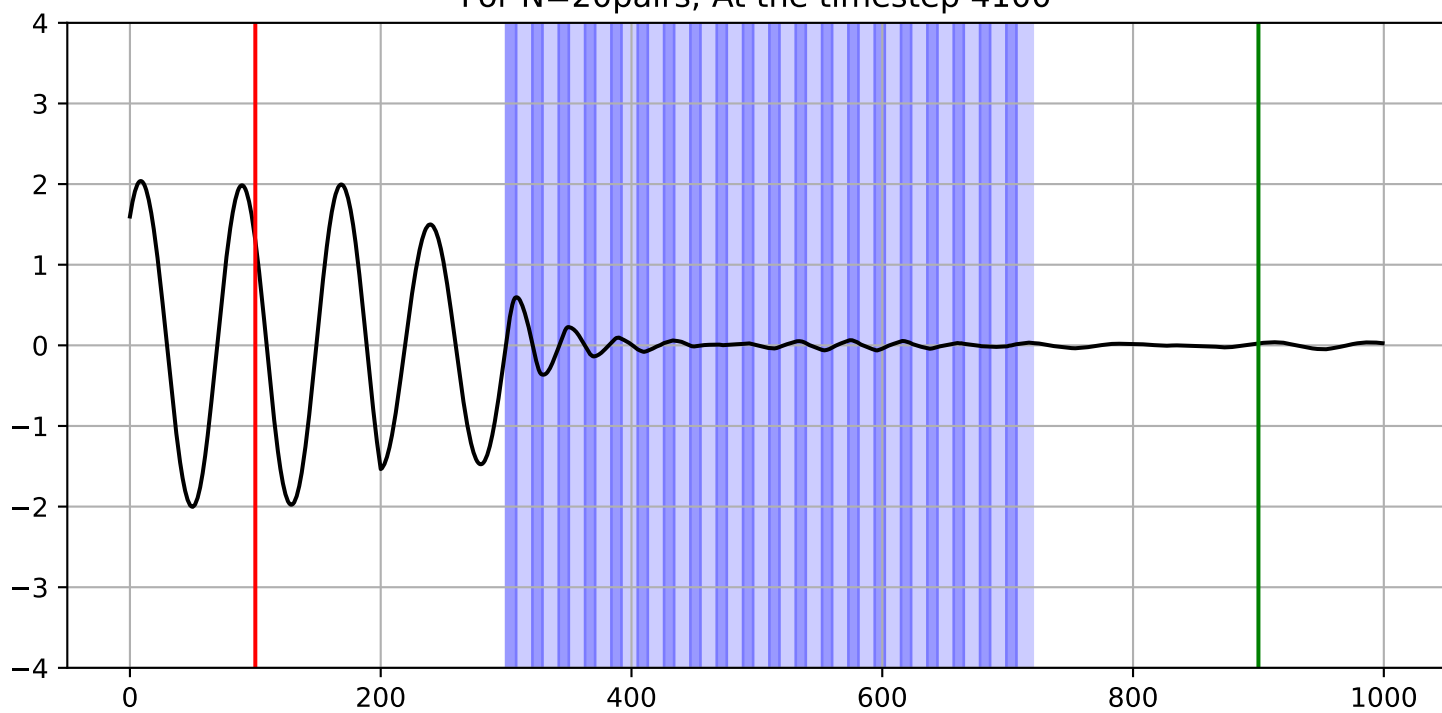
E[100]; At timestep 4050



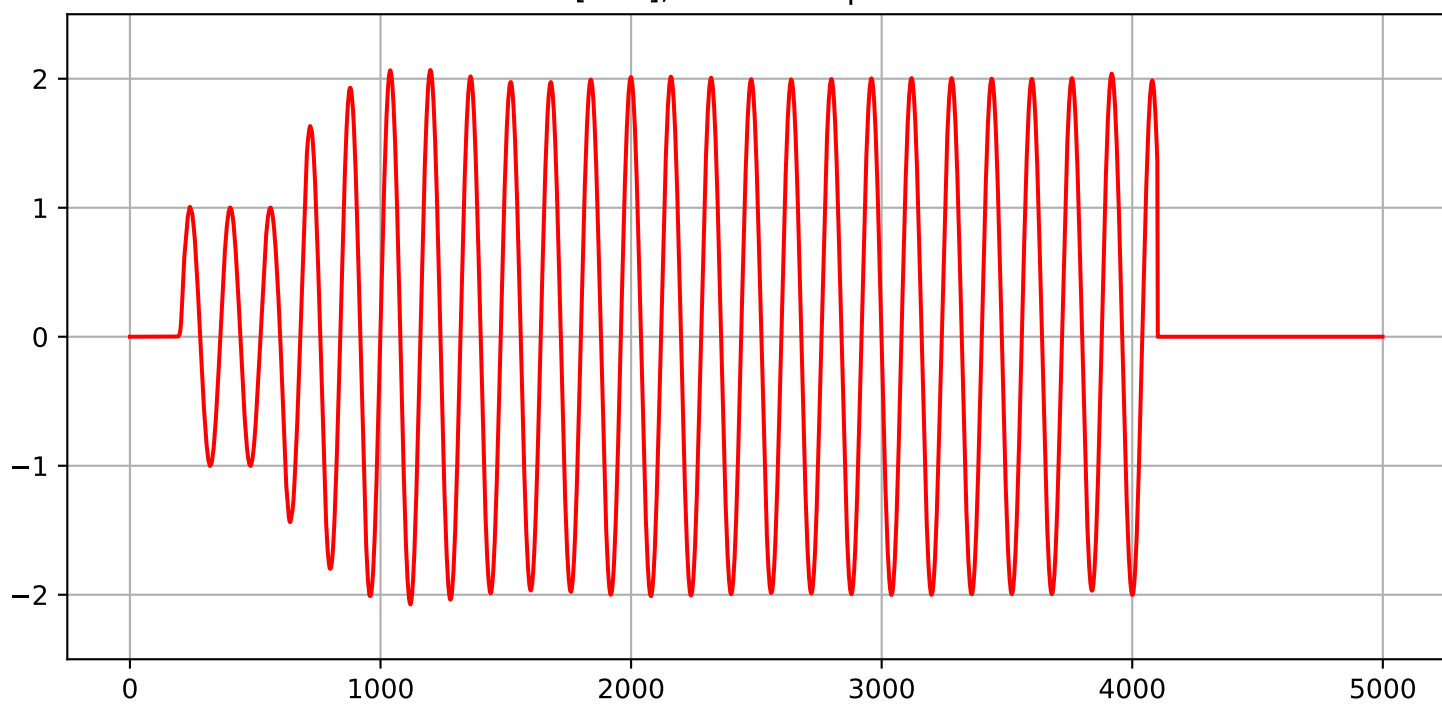
E[trans_probe]; At timestep 4050



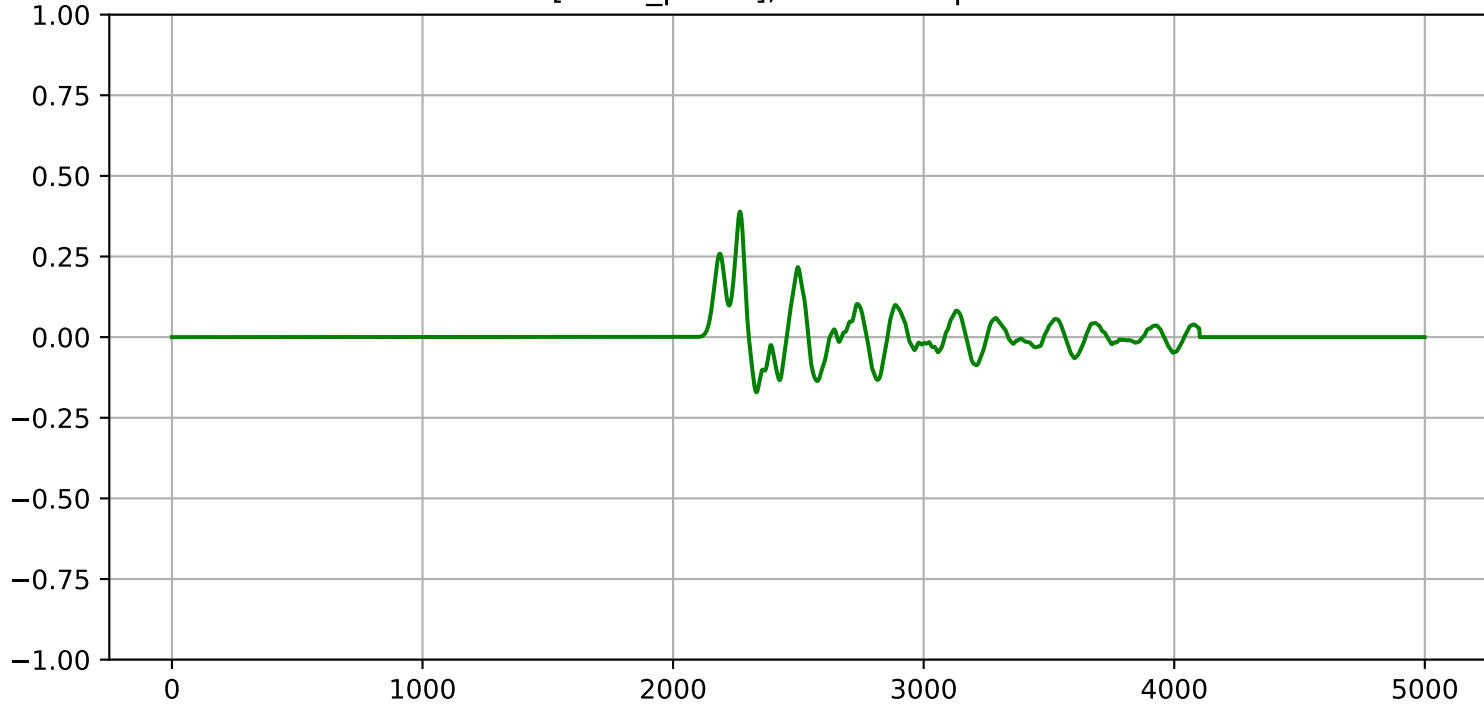
For N=20pairs; At the timestep 4100



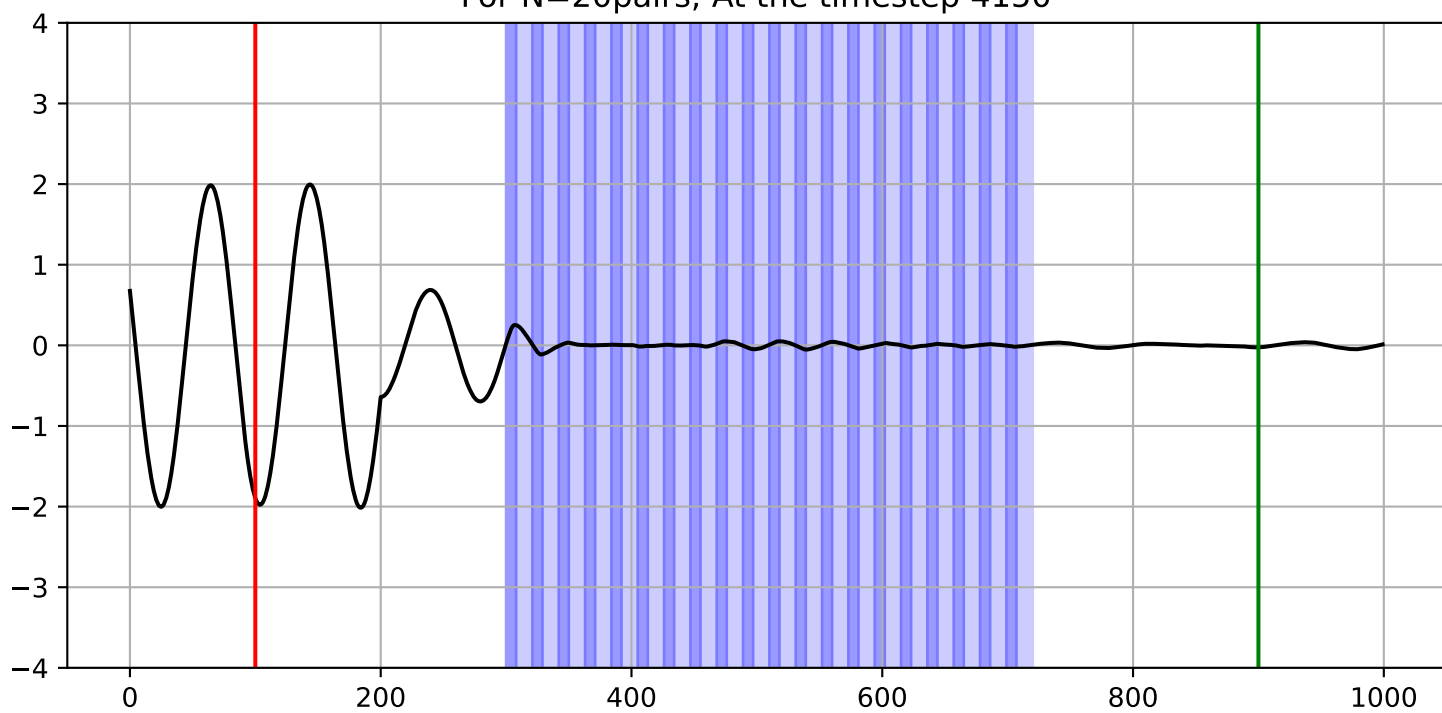
E[100]; At timestep 4100



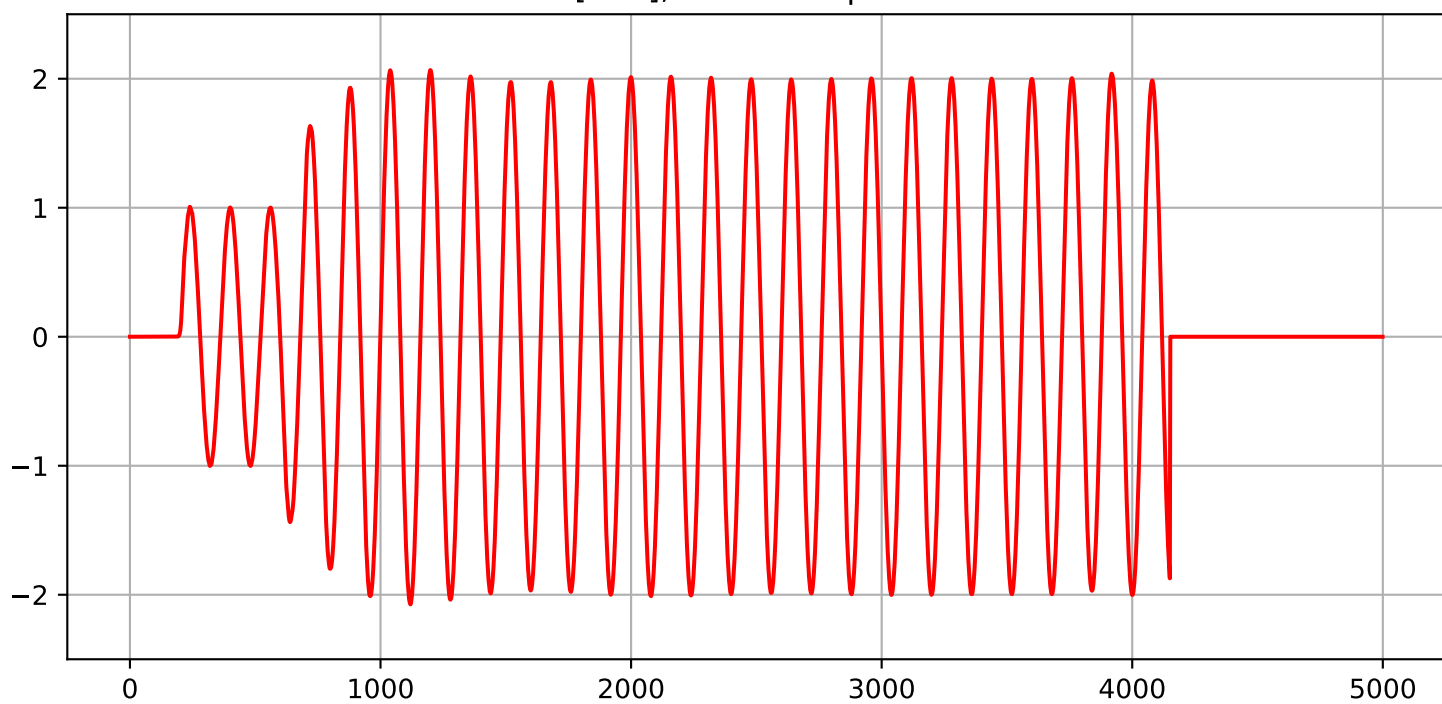
E[trans_probe]; At timestep 4100



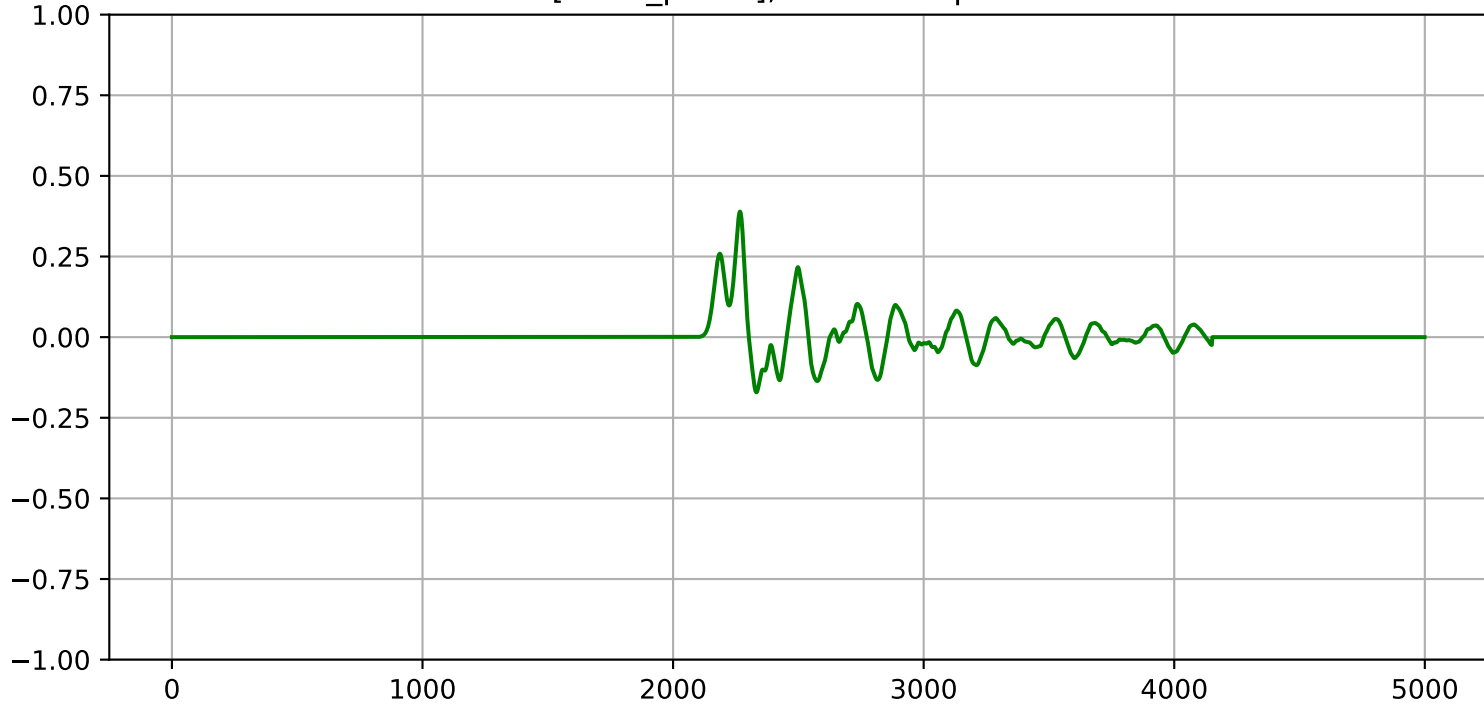
For N=20pairs; At the timestep 4150



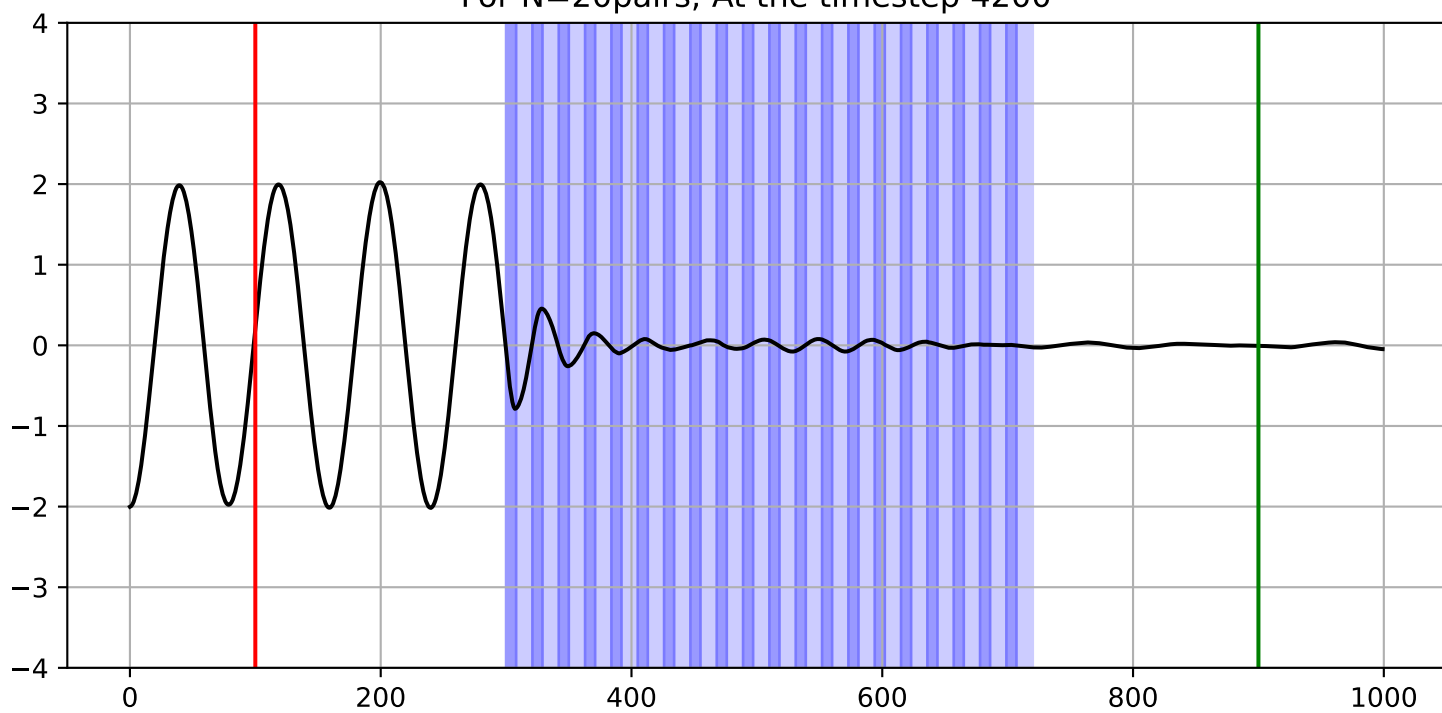
E[100]; At timestep 4150



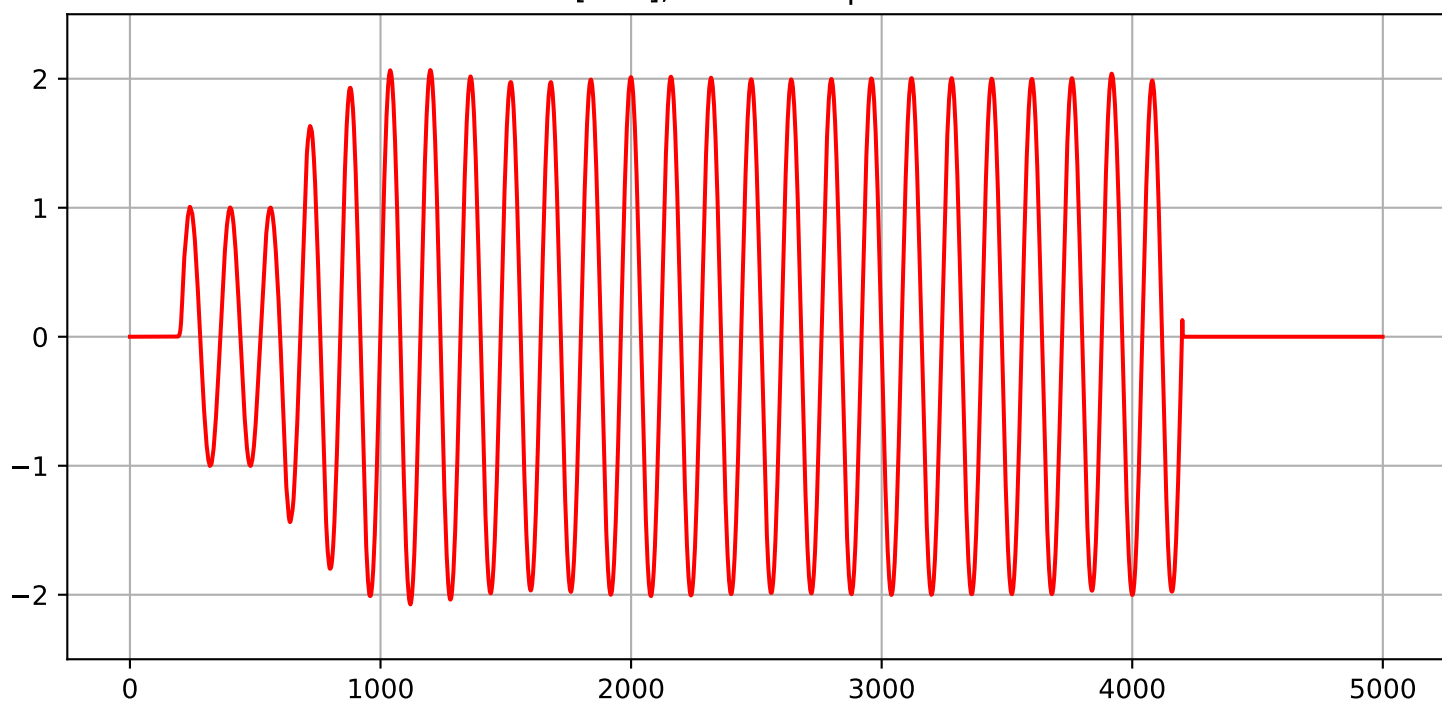
E[trans_probe]; At timestep 4150



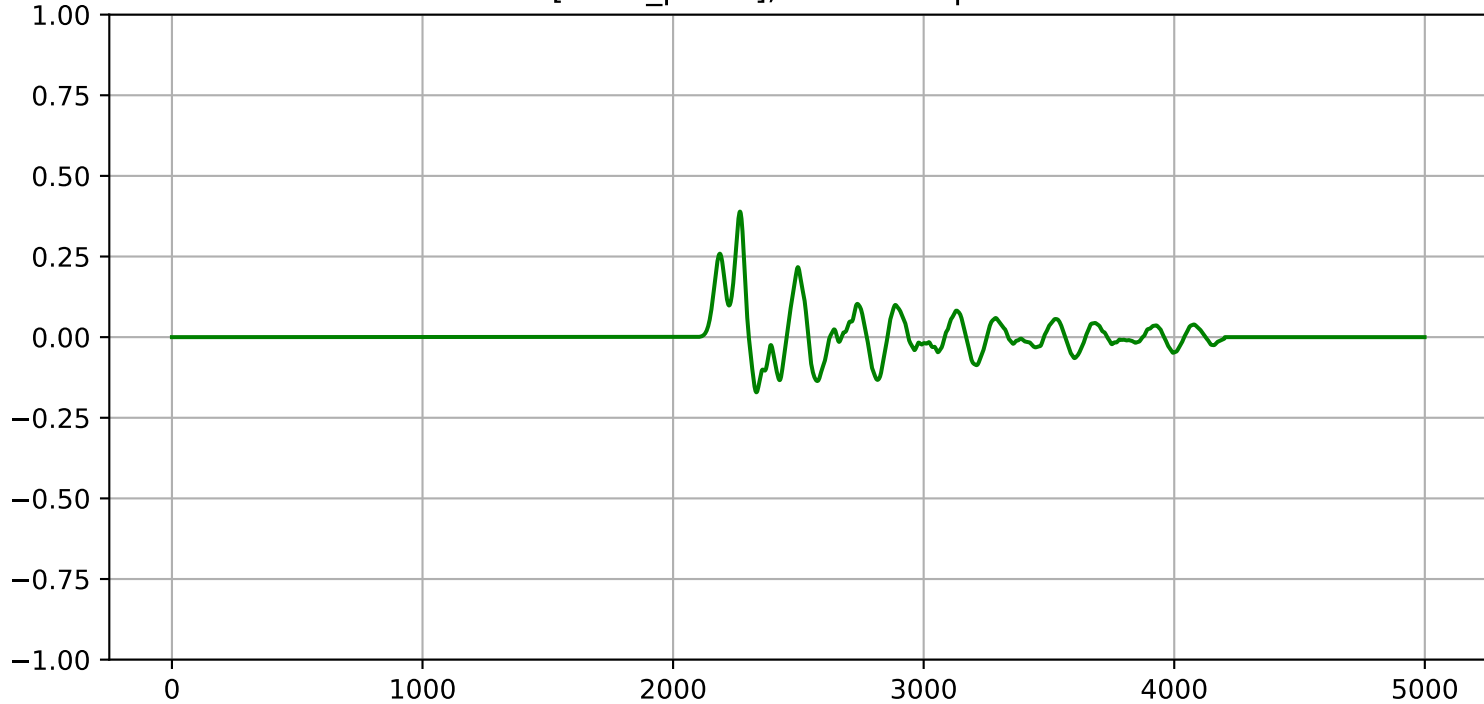
For N=20pairs; At the timestep 4200



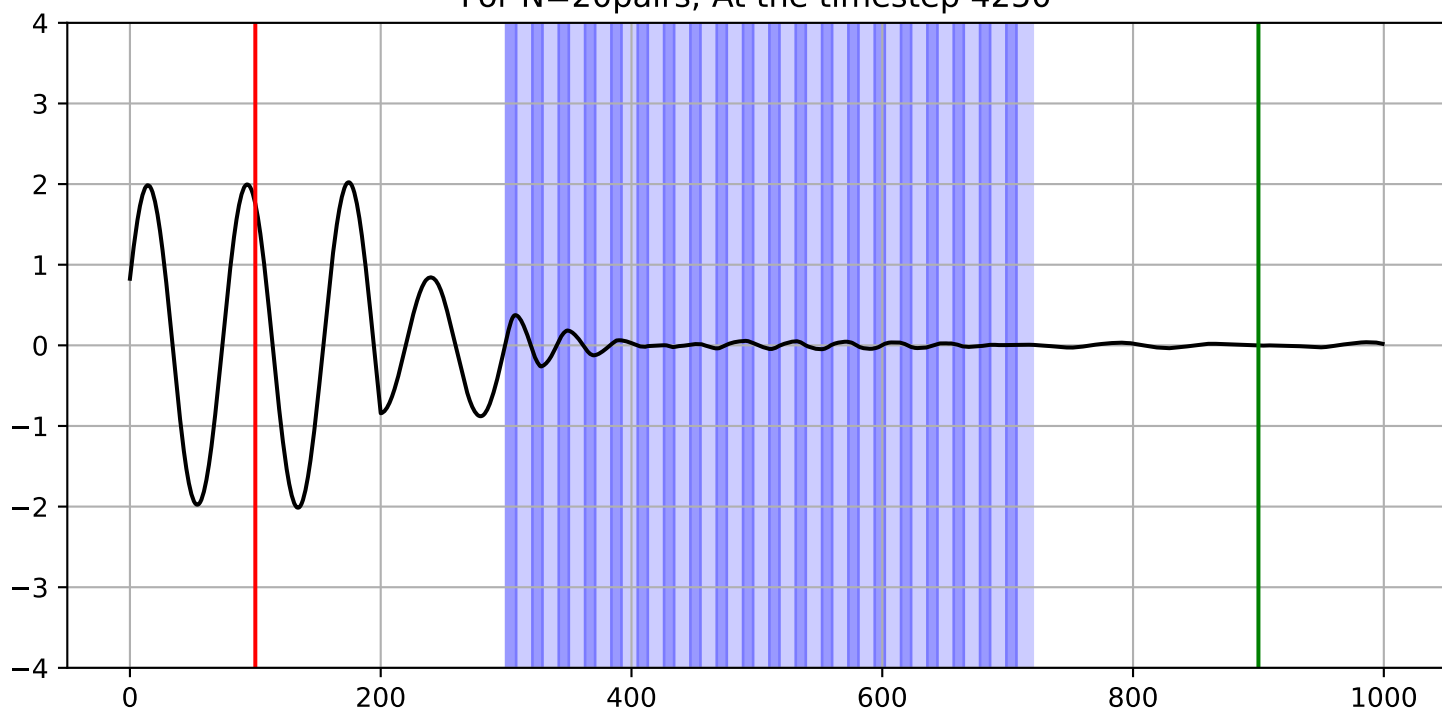
E[100]; At timestep 4200



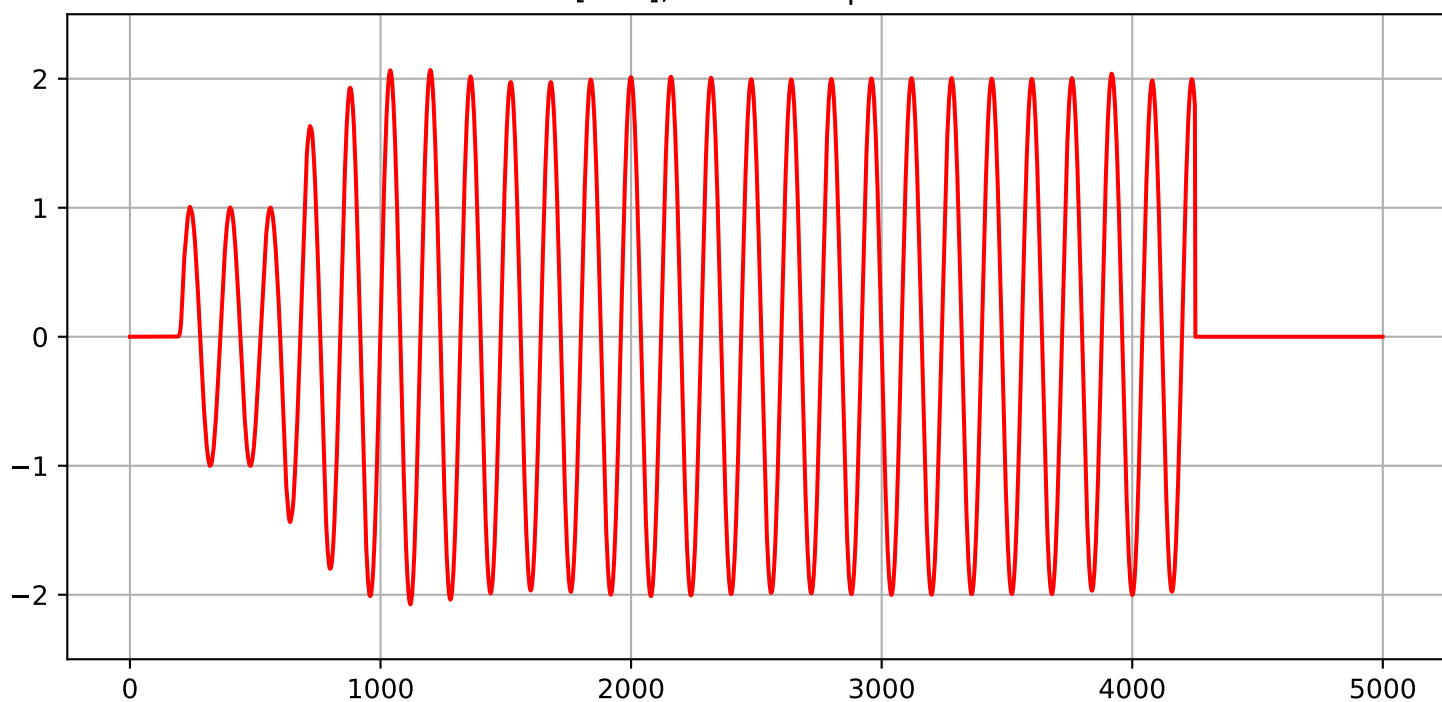
E[trans_probe]; At timestep 4200



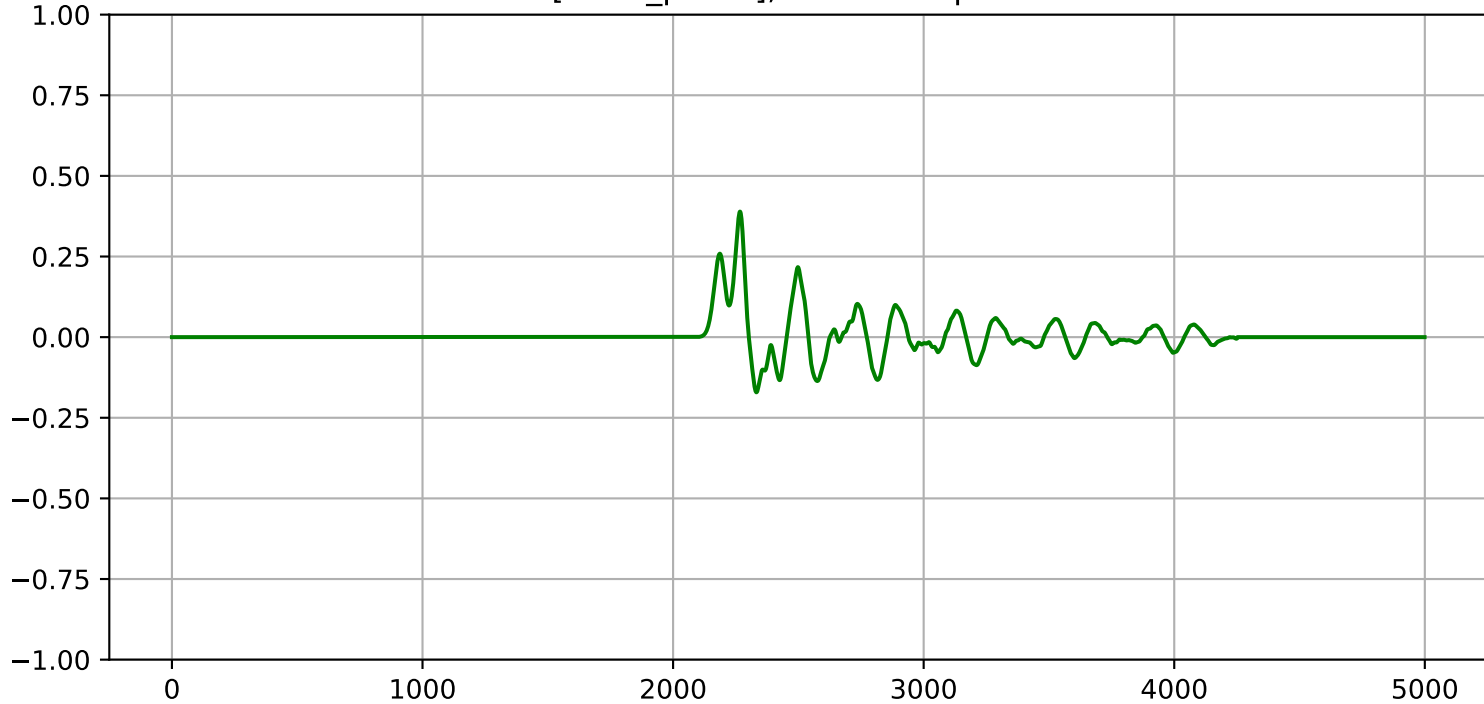
For N=20pairs; At the timestep 4250



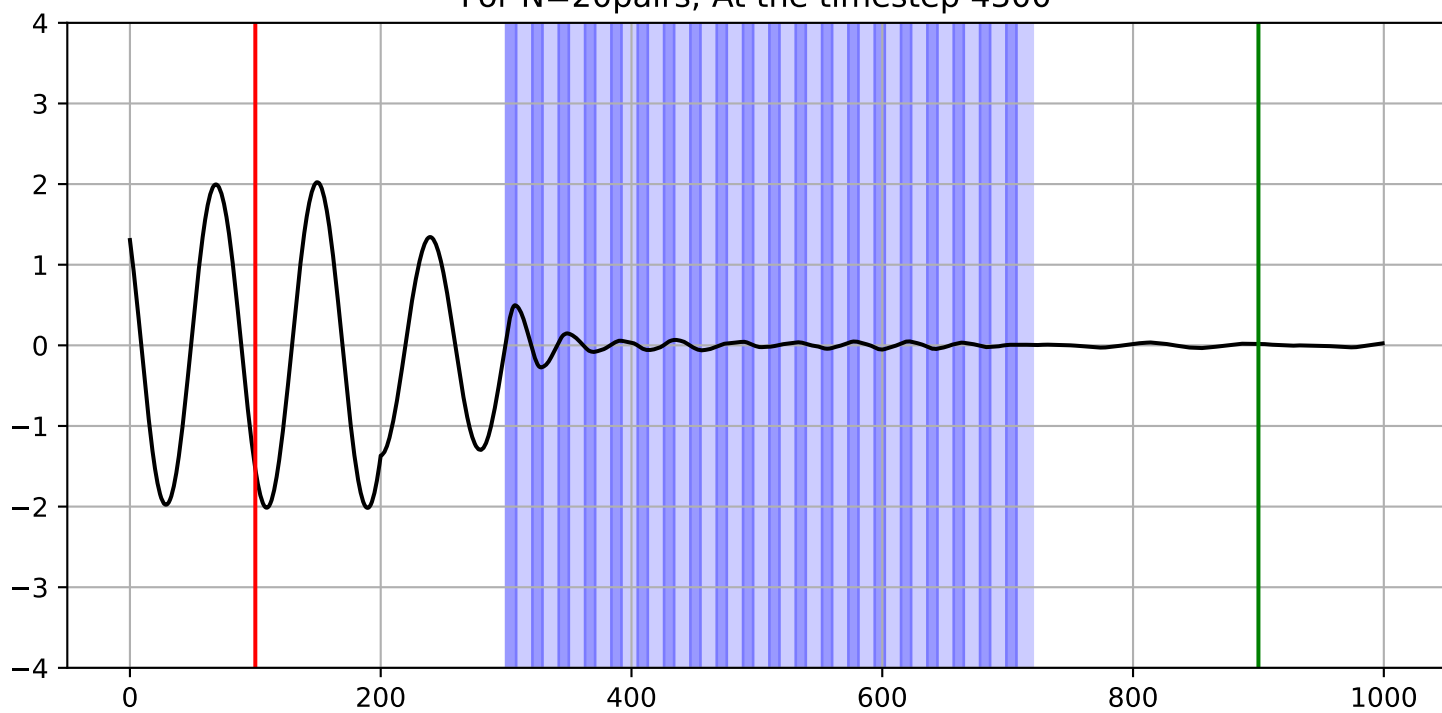
E[100]; At timestep 4250



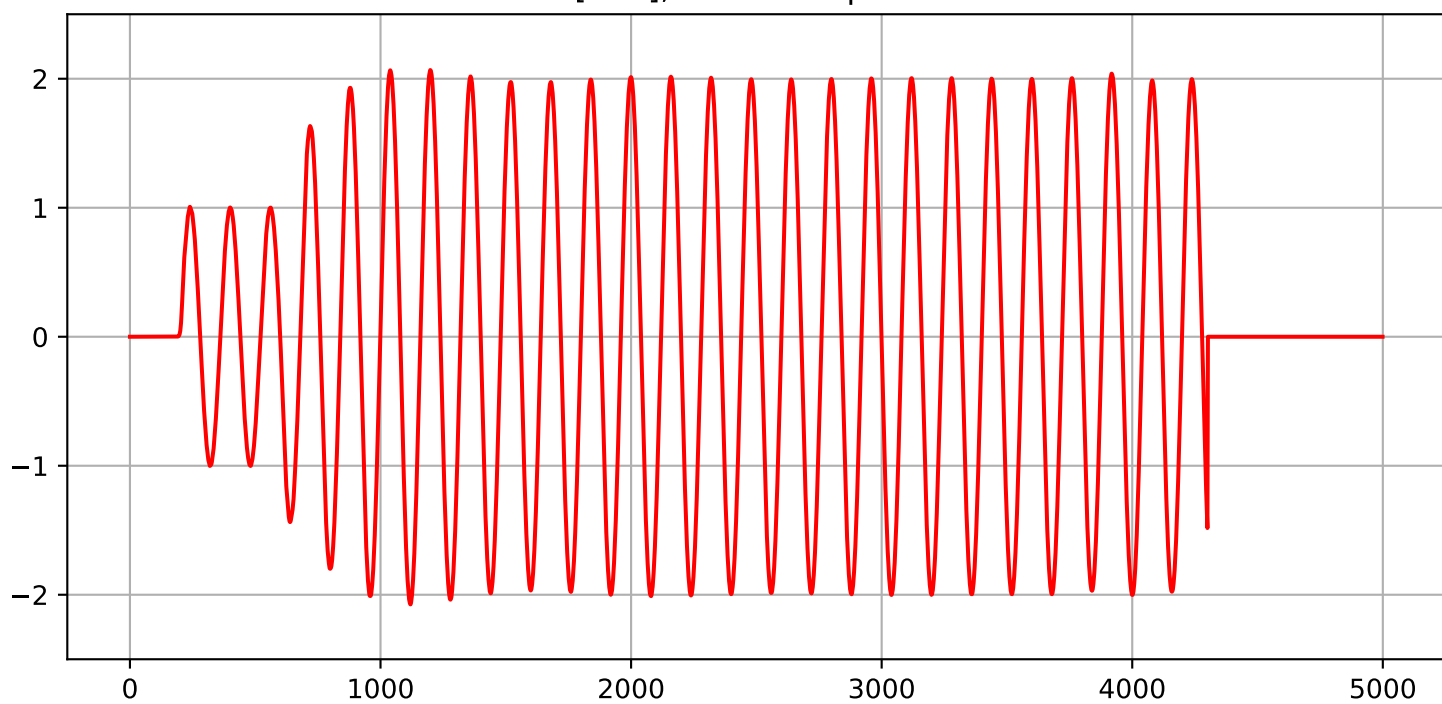
E[trans_probe]; At timestep 4250



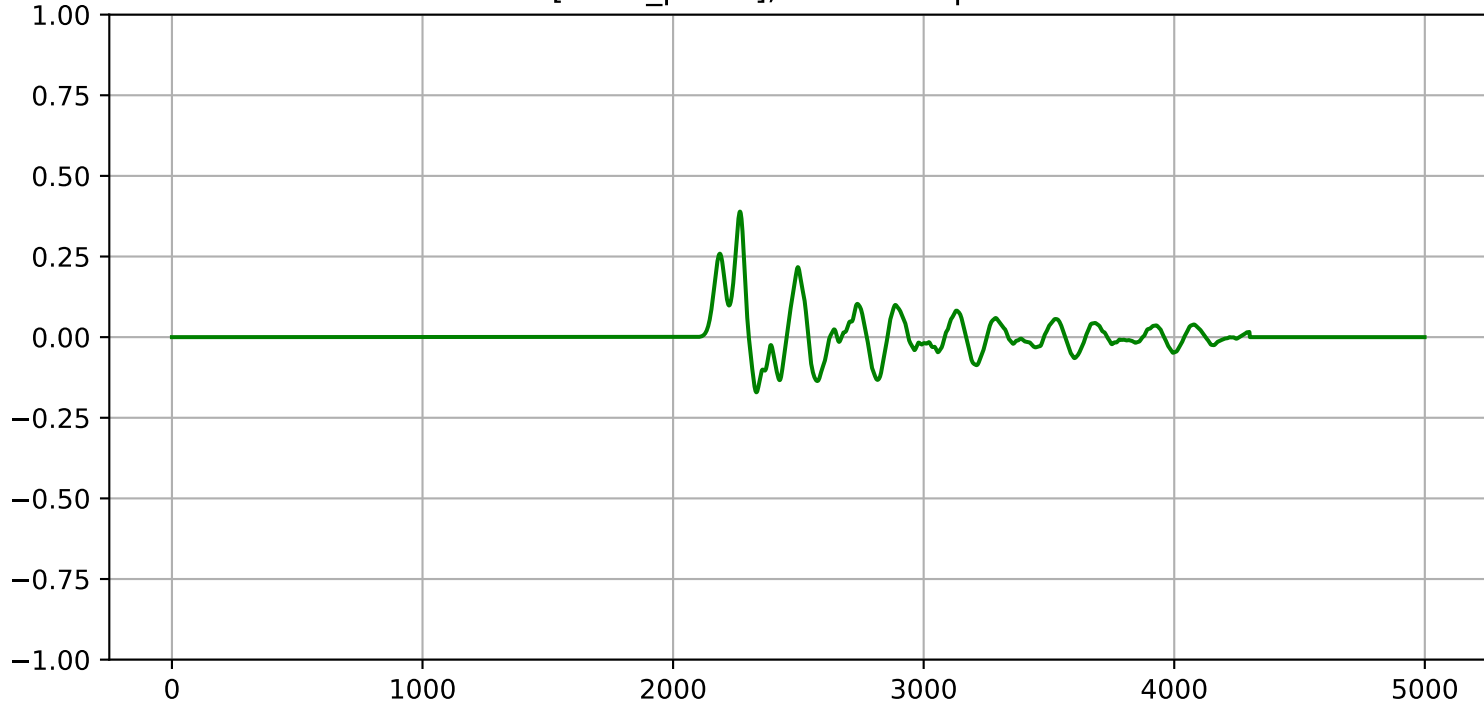
For N=20pairs; At the timestep 4300



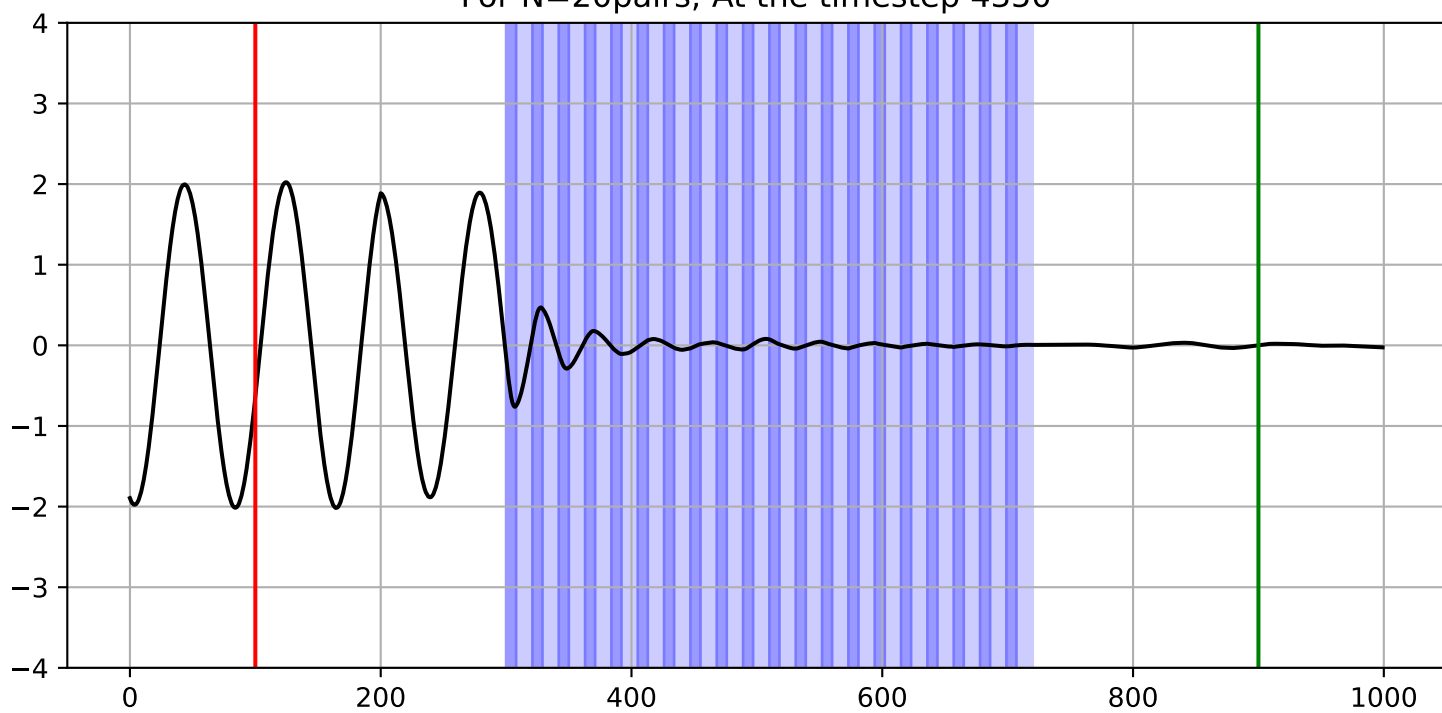
E[100]; At timestep 4300



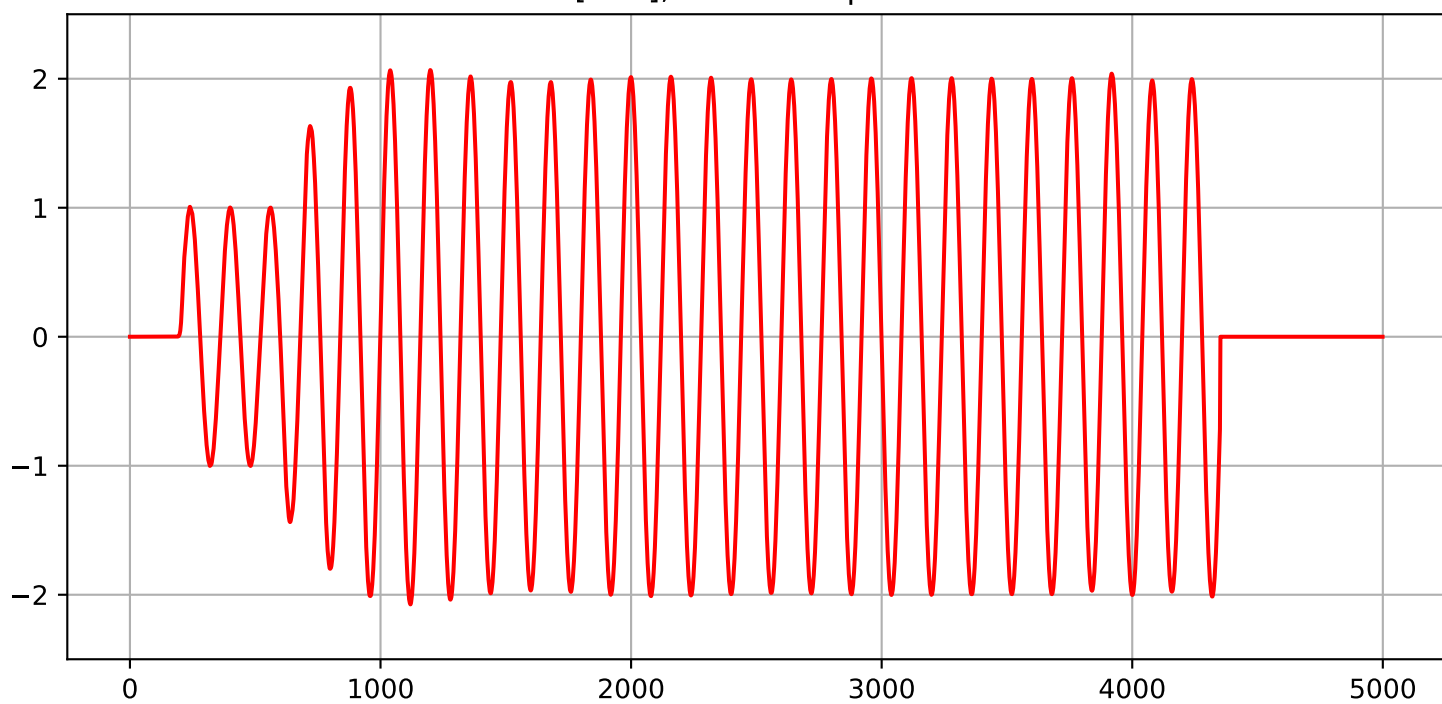
E[trans_probe]; At timestep 4300



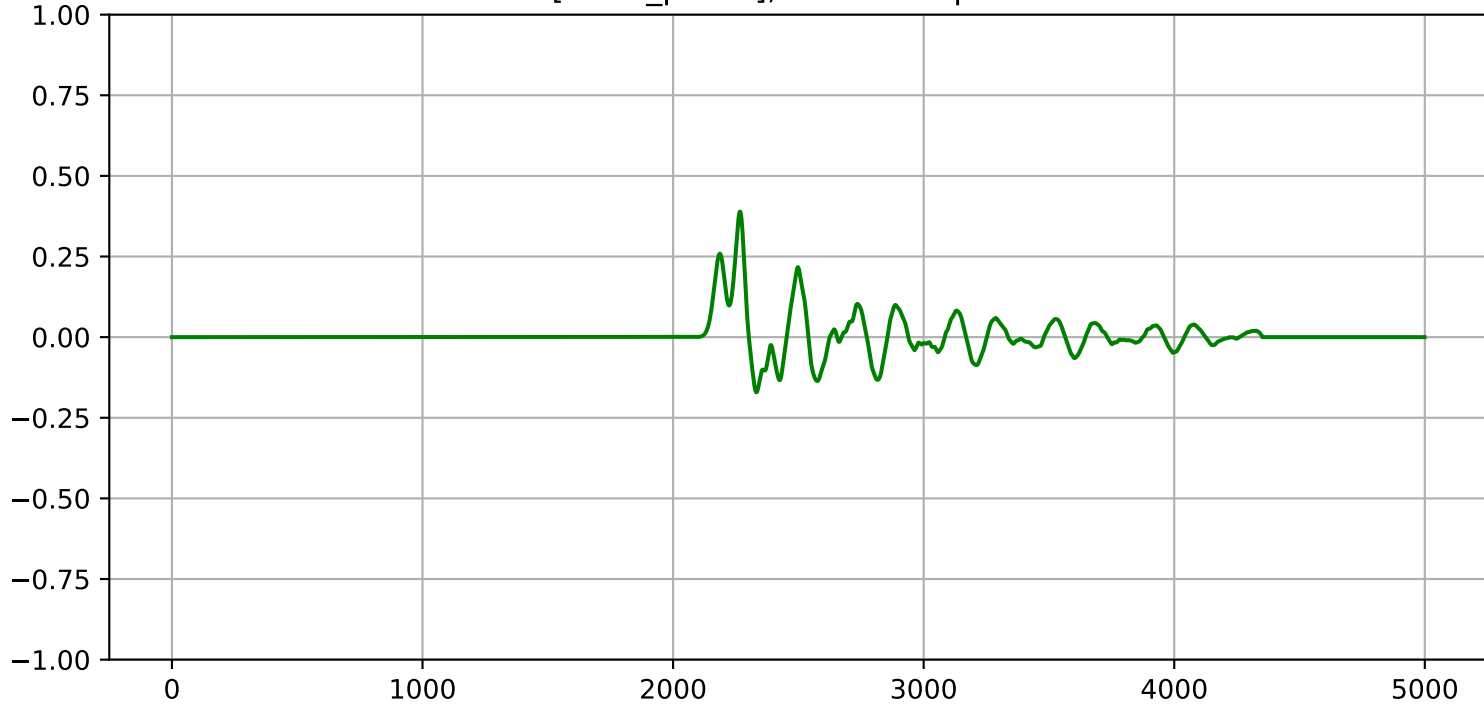
For N=20pairs; At the timestep 4350



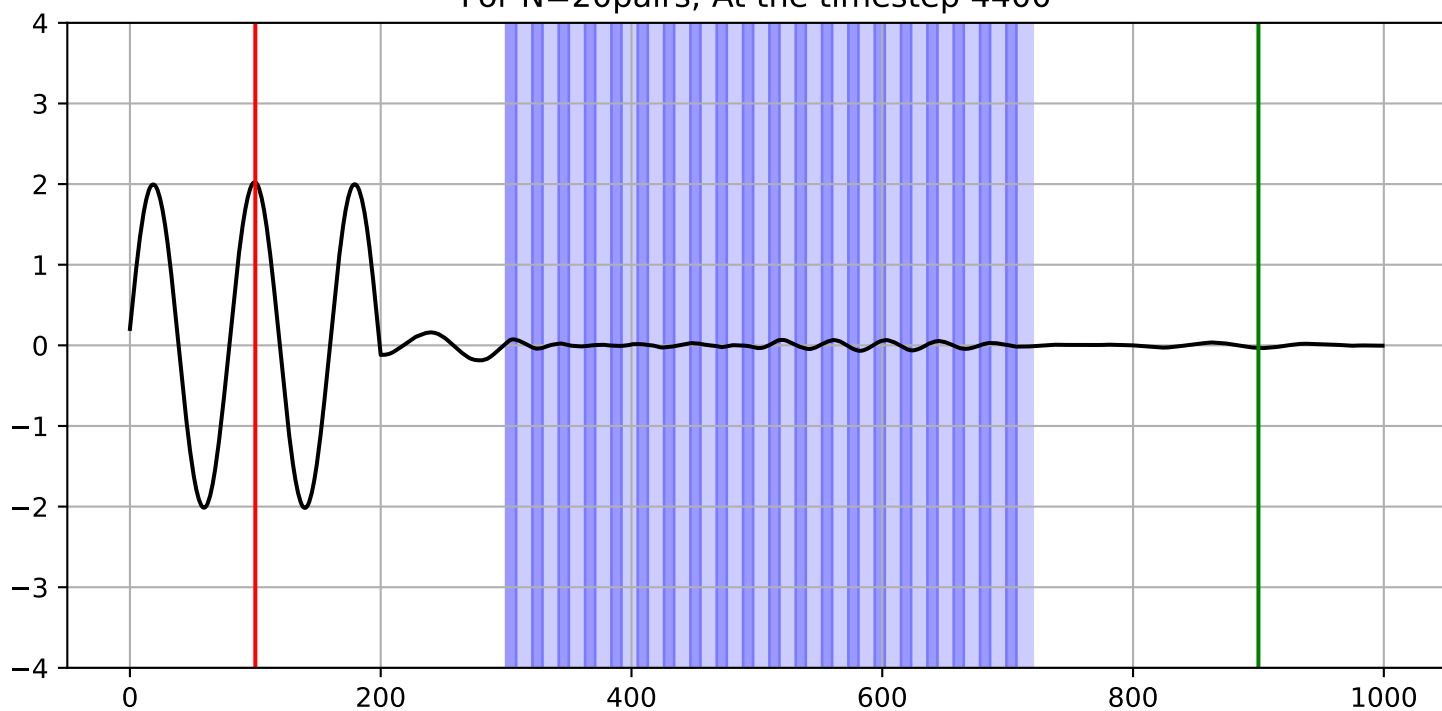
E[100]; At timestep 4350



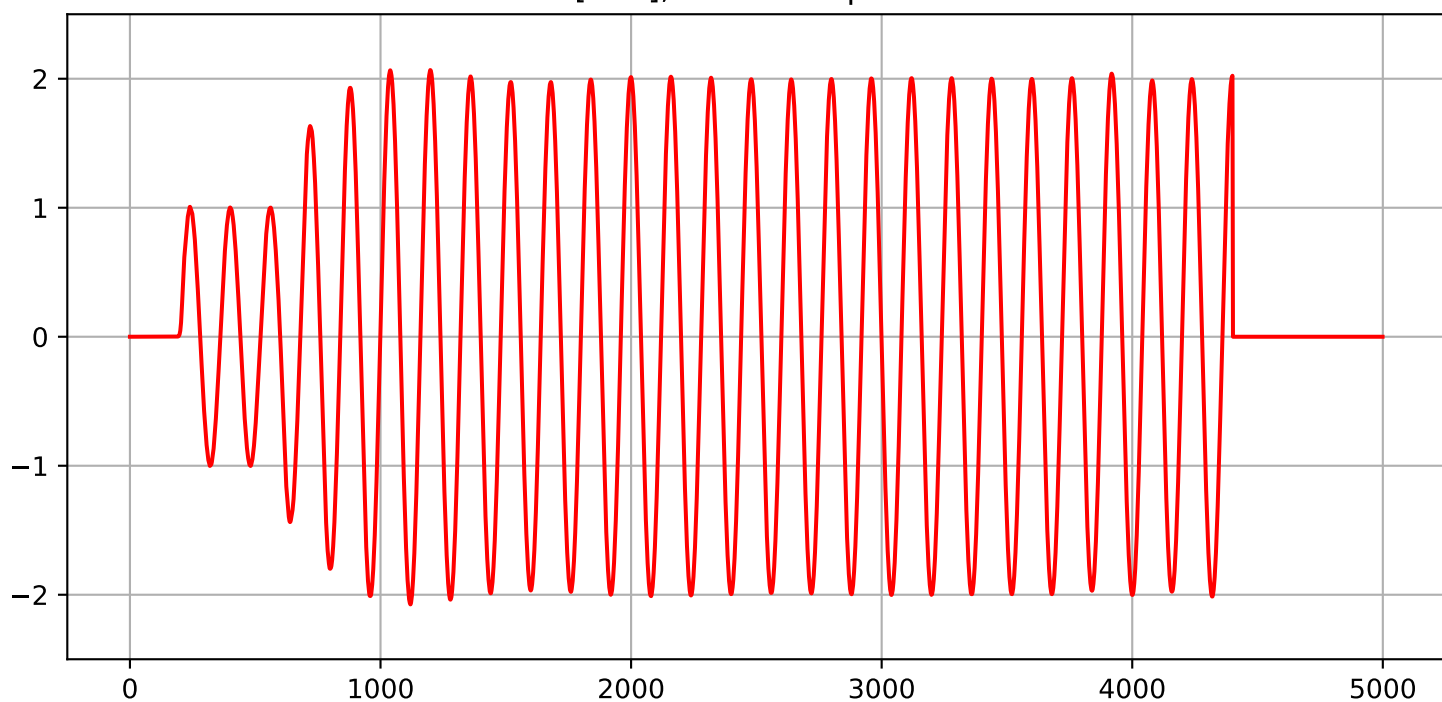
E[trans_probe]; At timestep 4350



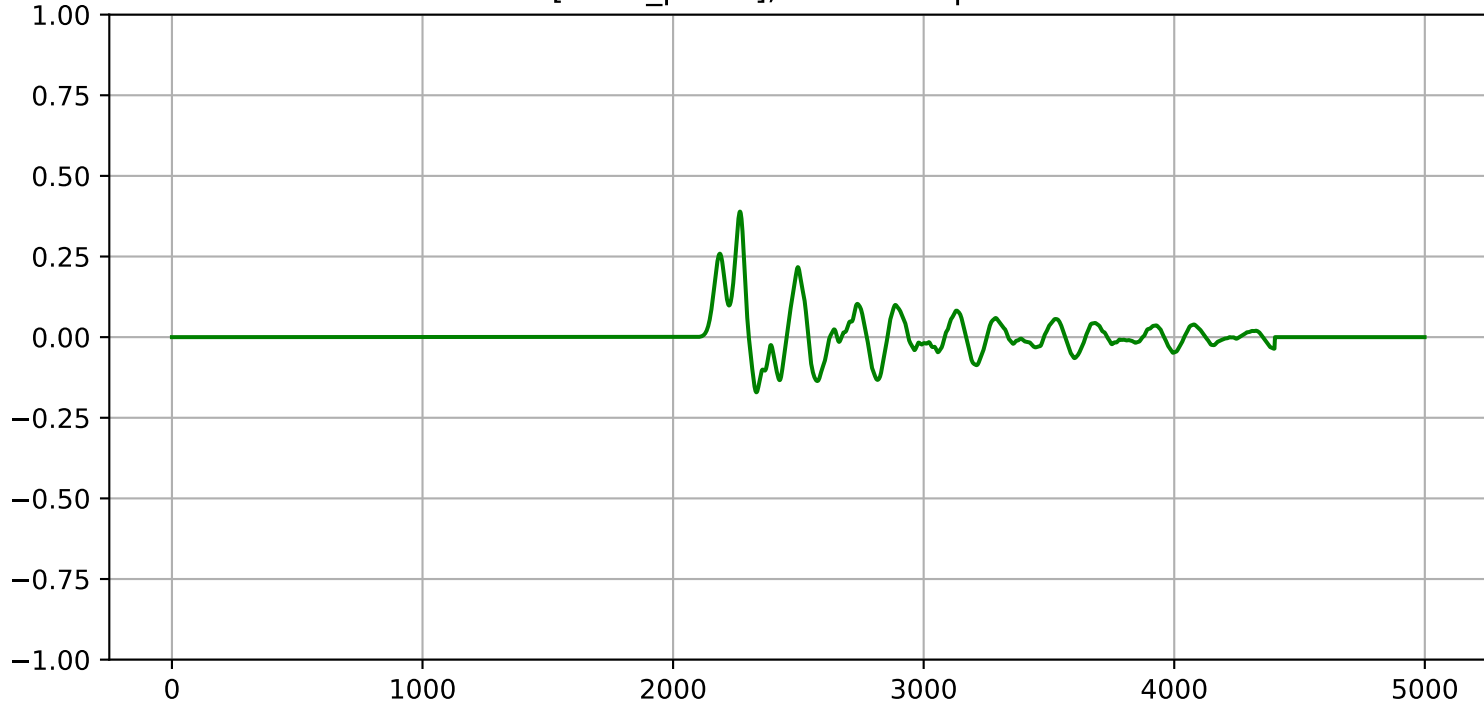
For N=20pairs; At the timestep 4400



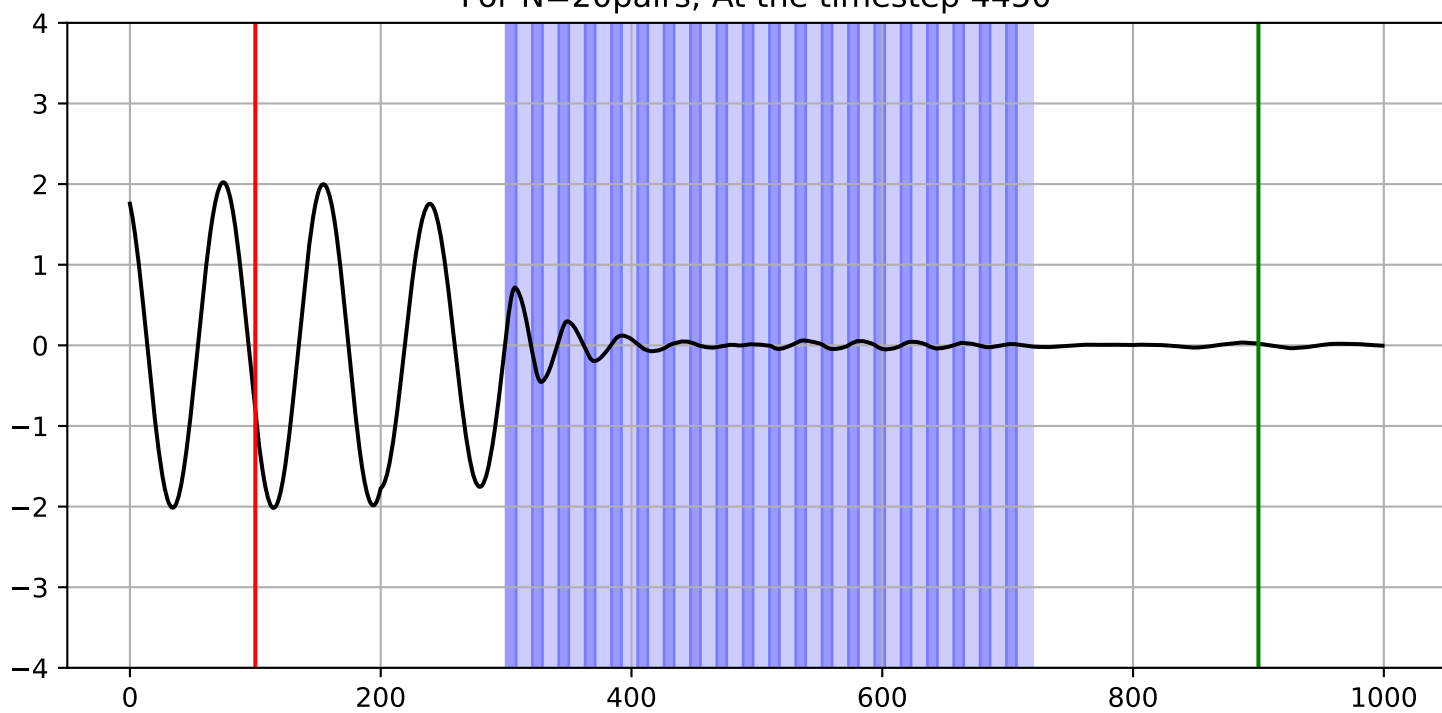
E[100]; At timestep 4400



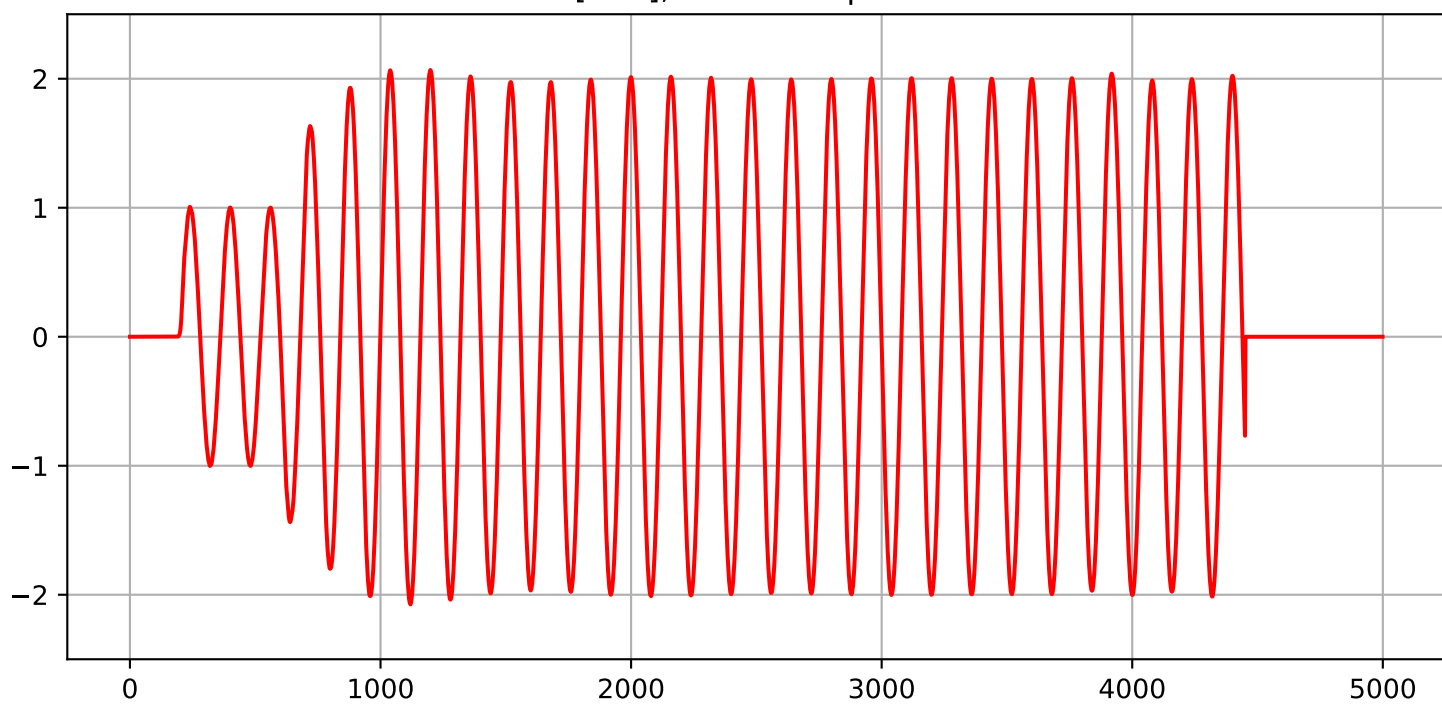
E[trans_probe]; At timestep 4400



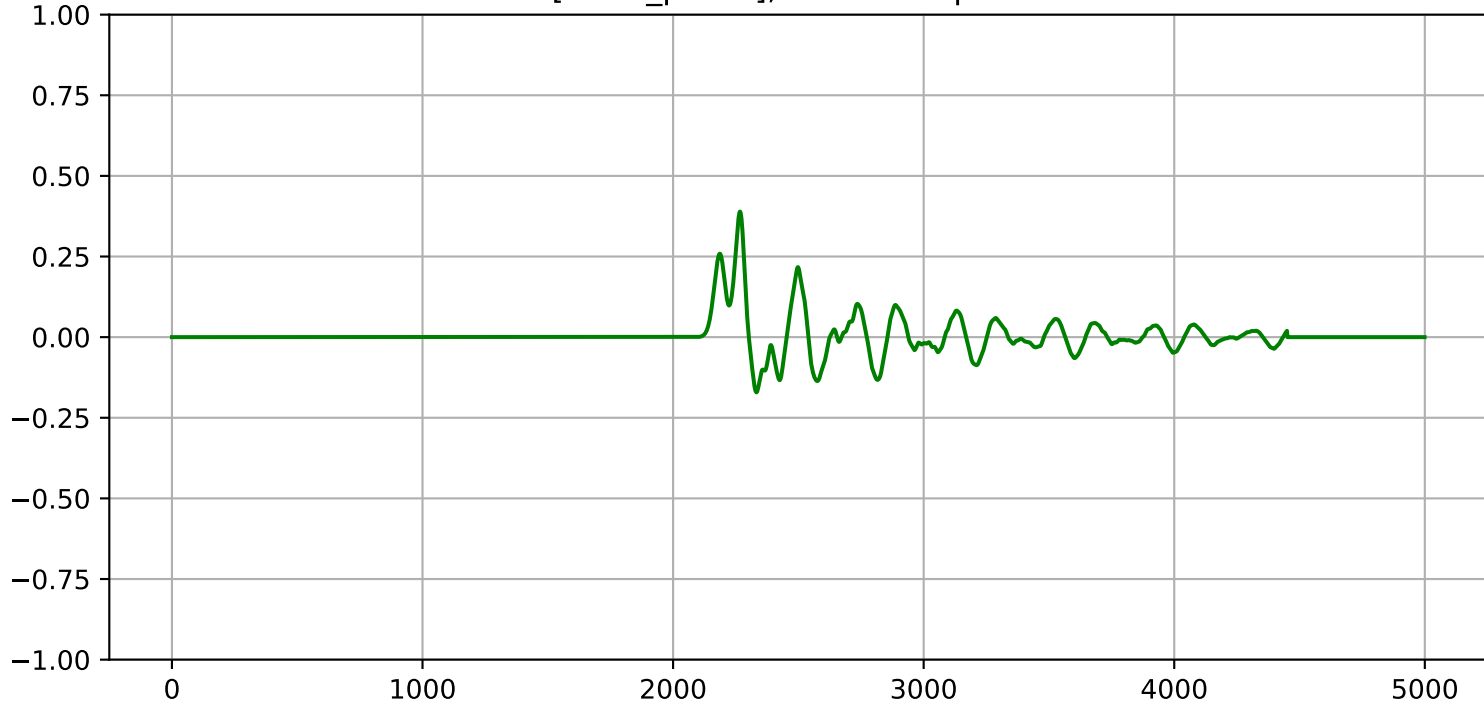
For N=20pairs; At the timestep 4450



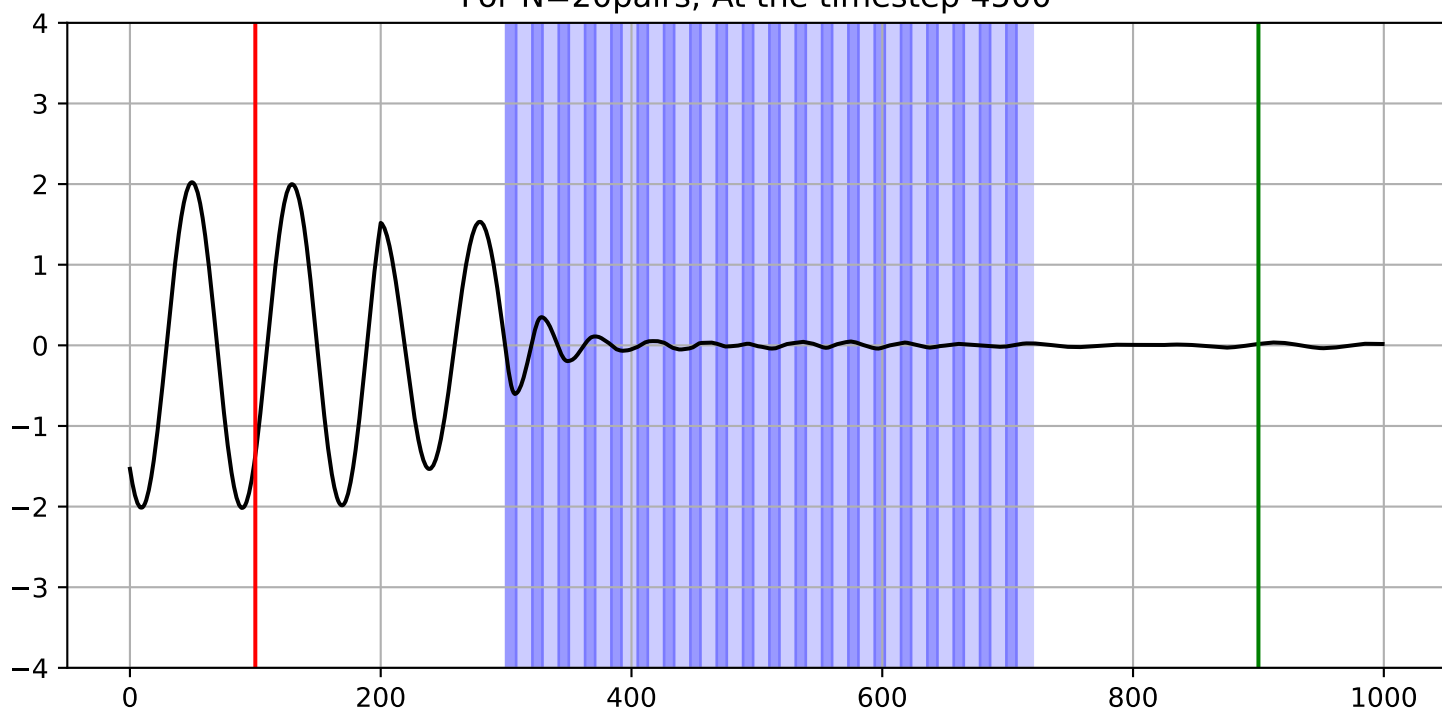
E[100]; At timestep 4450



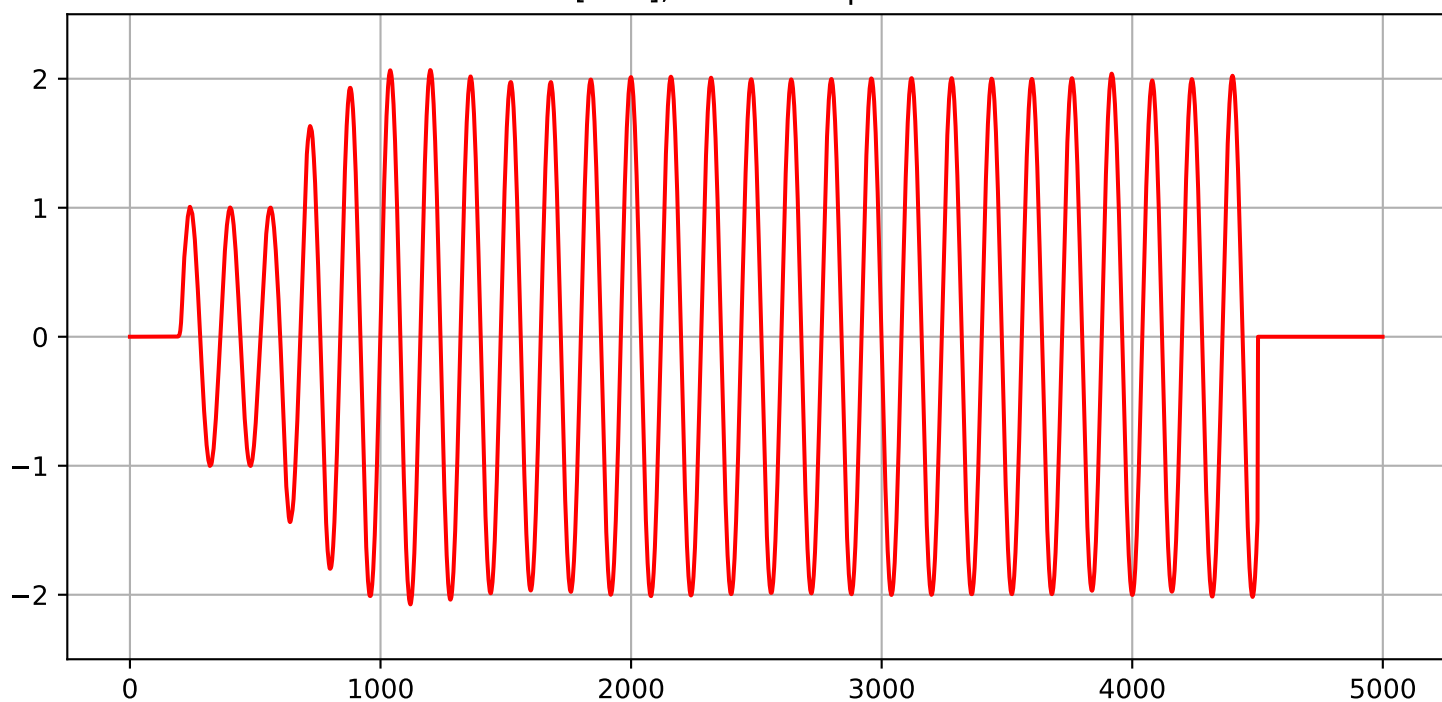
E[trans_probe]; At timestep 4450



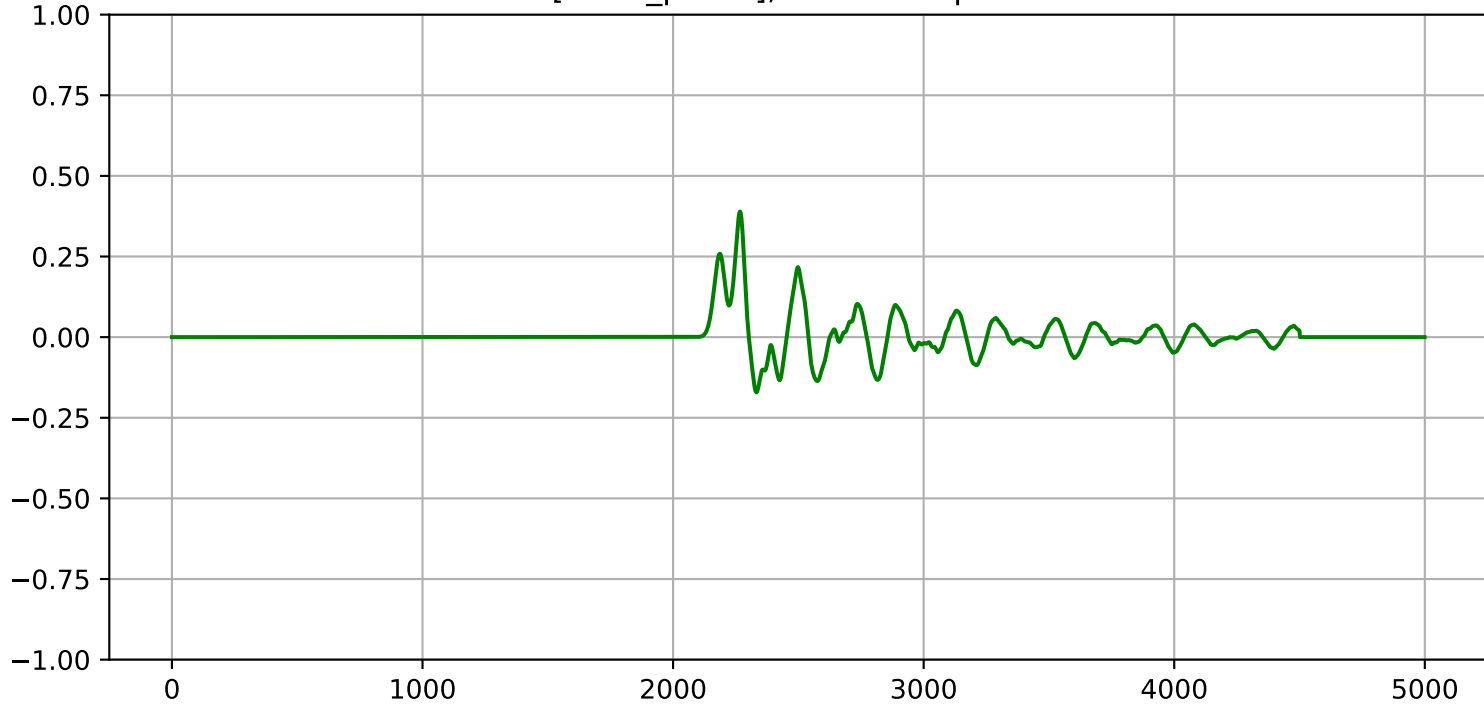
For N=20pairs; At the timestep 4500



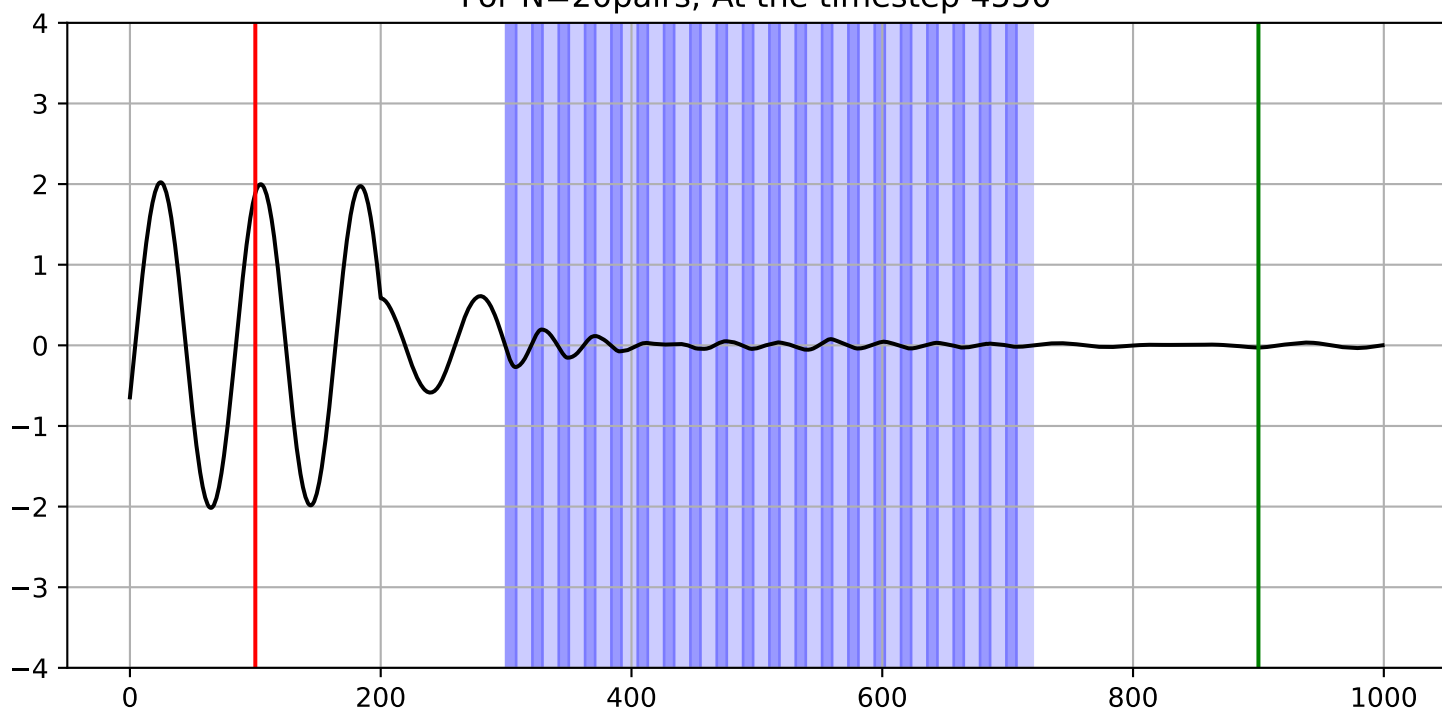
E[100]; At timestep 4500



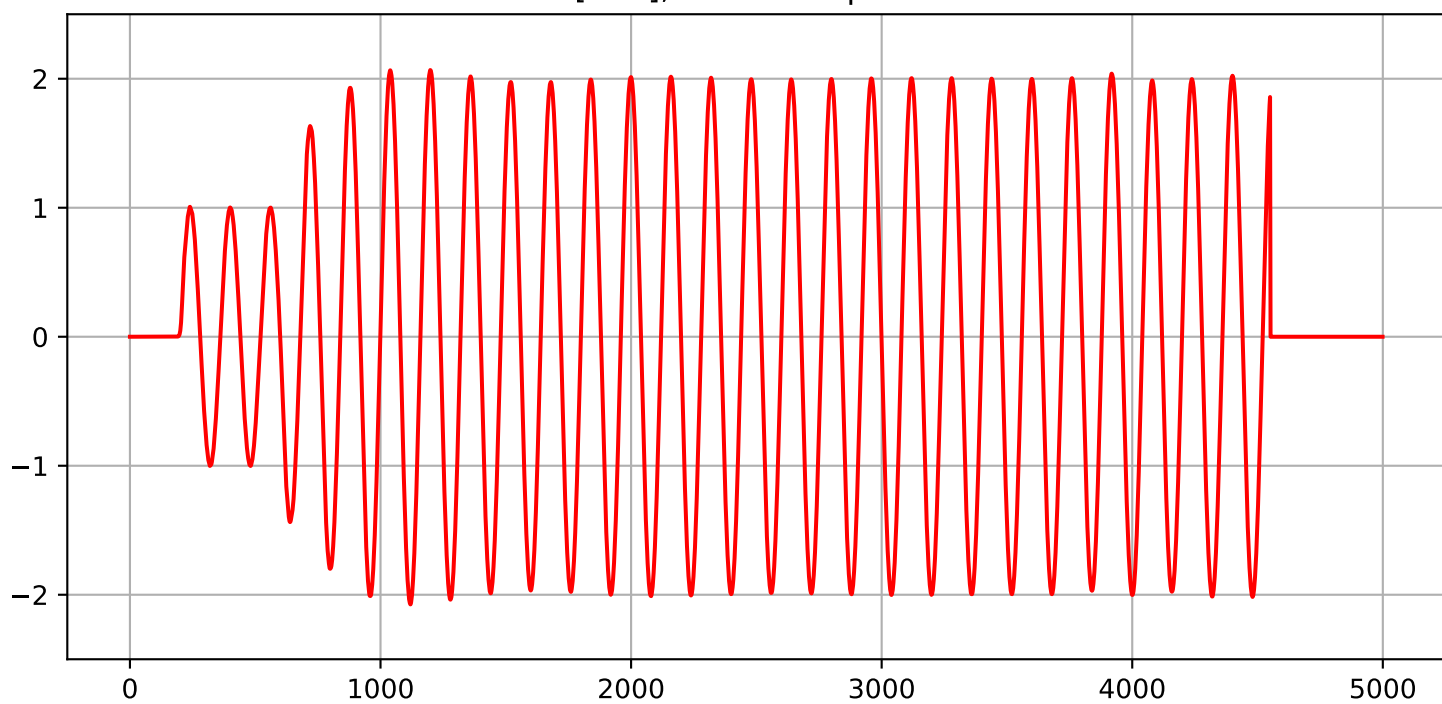
E[trans_probe]; At timestep 4500



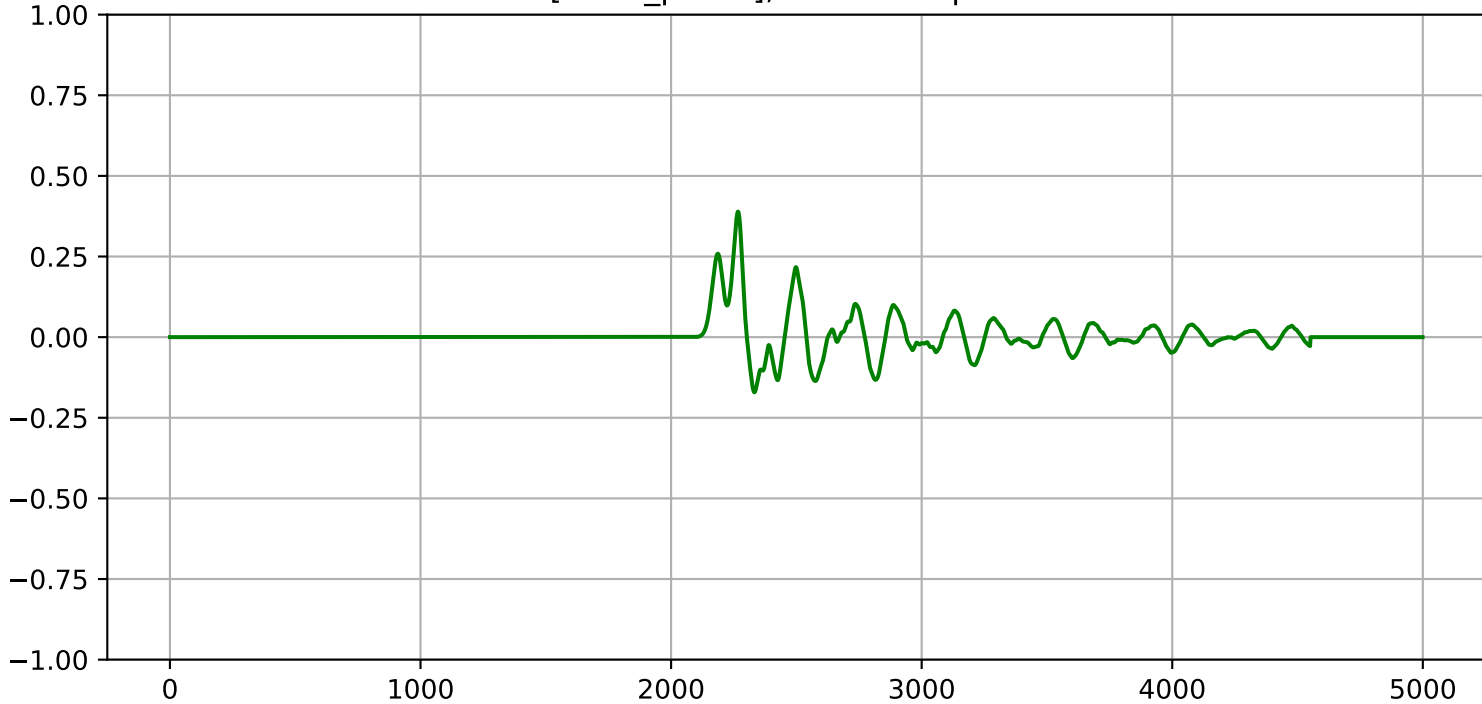
For N=20pairs; At the timestep 4550



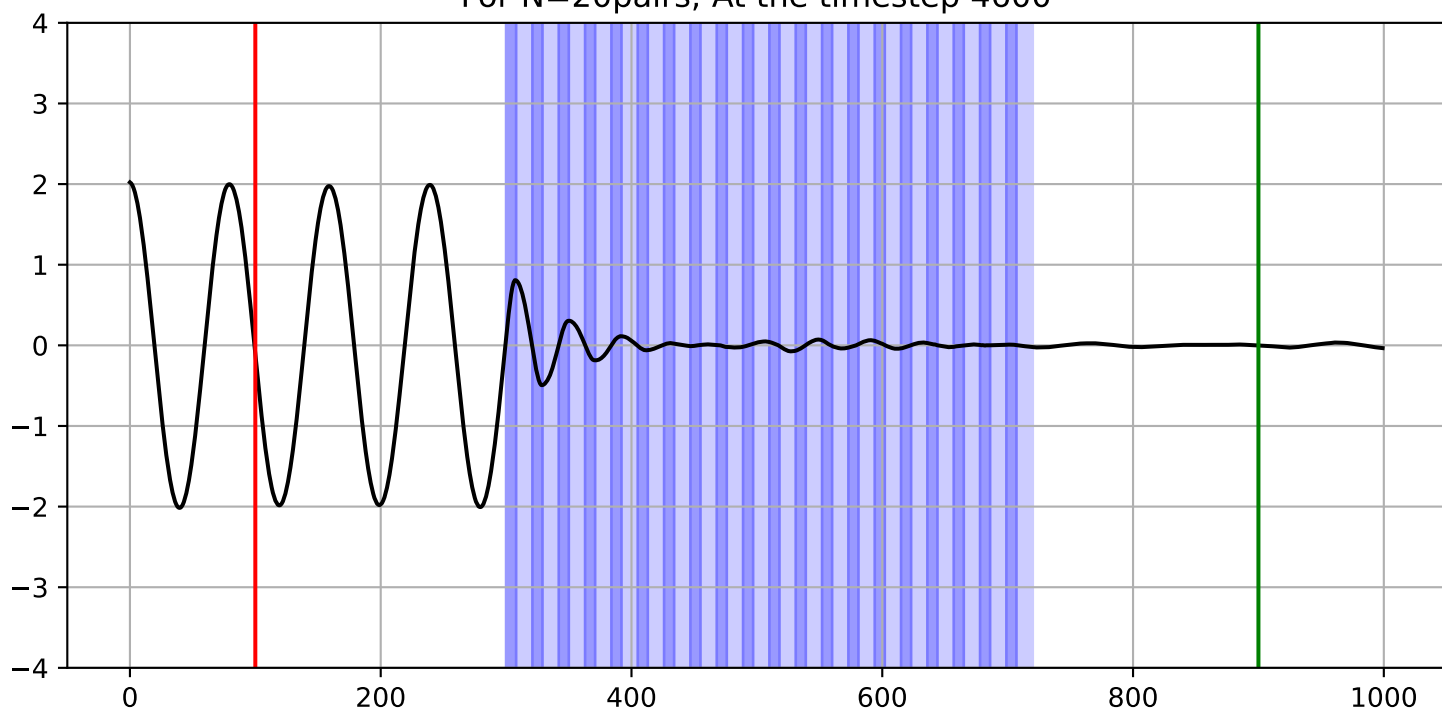
E[100]; At timestep 4550



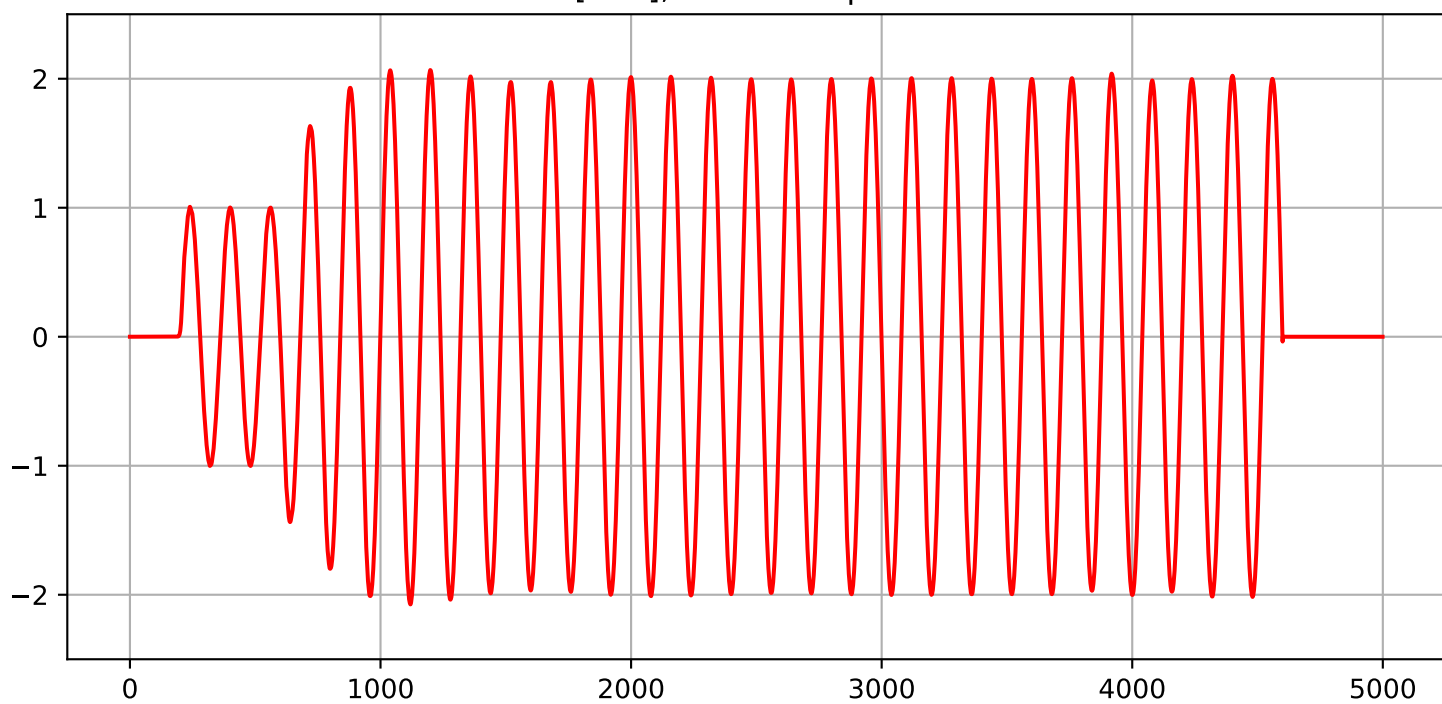
E[trans_probe]; At timestep 4550



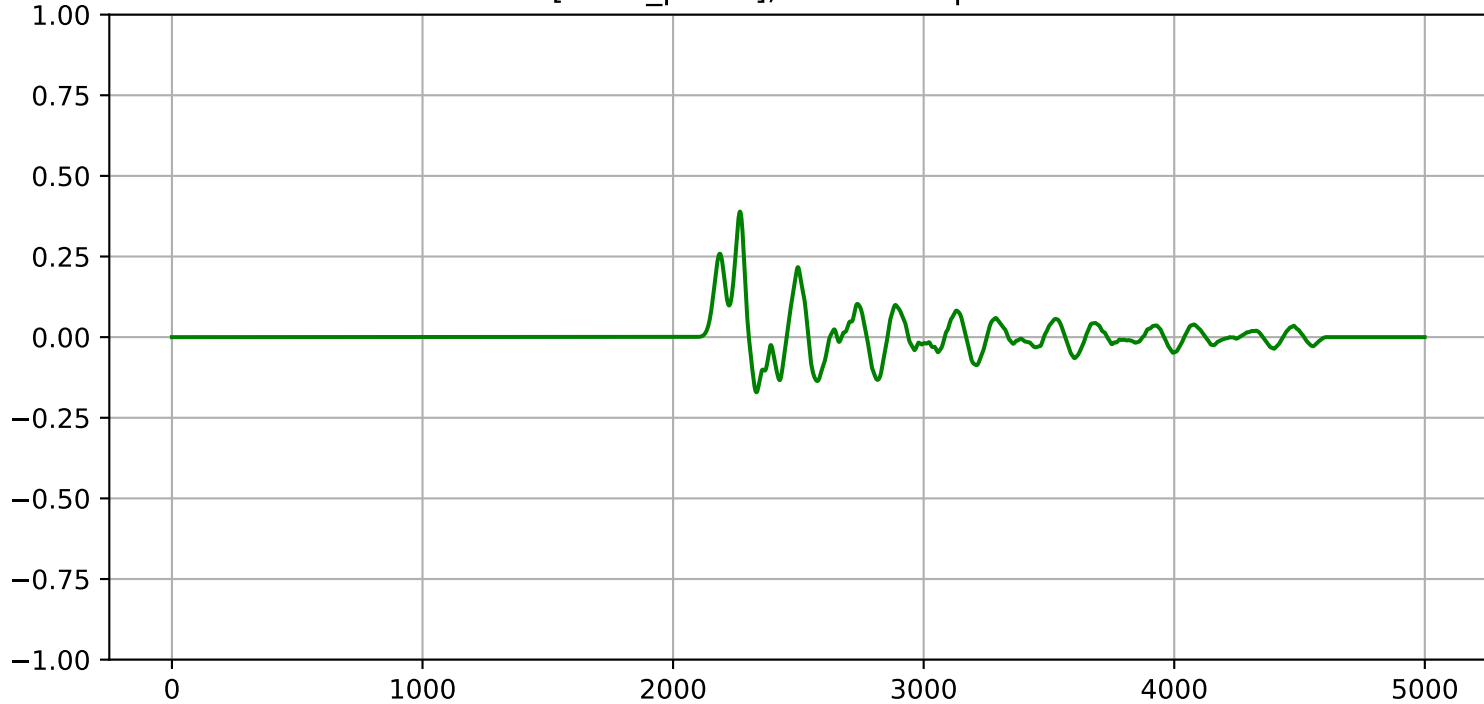
For N=20pairs; At the timestep 4600



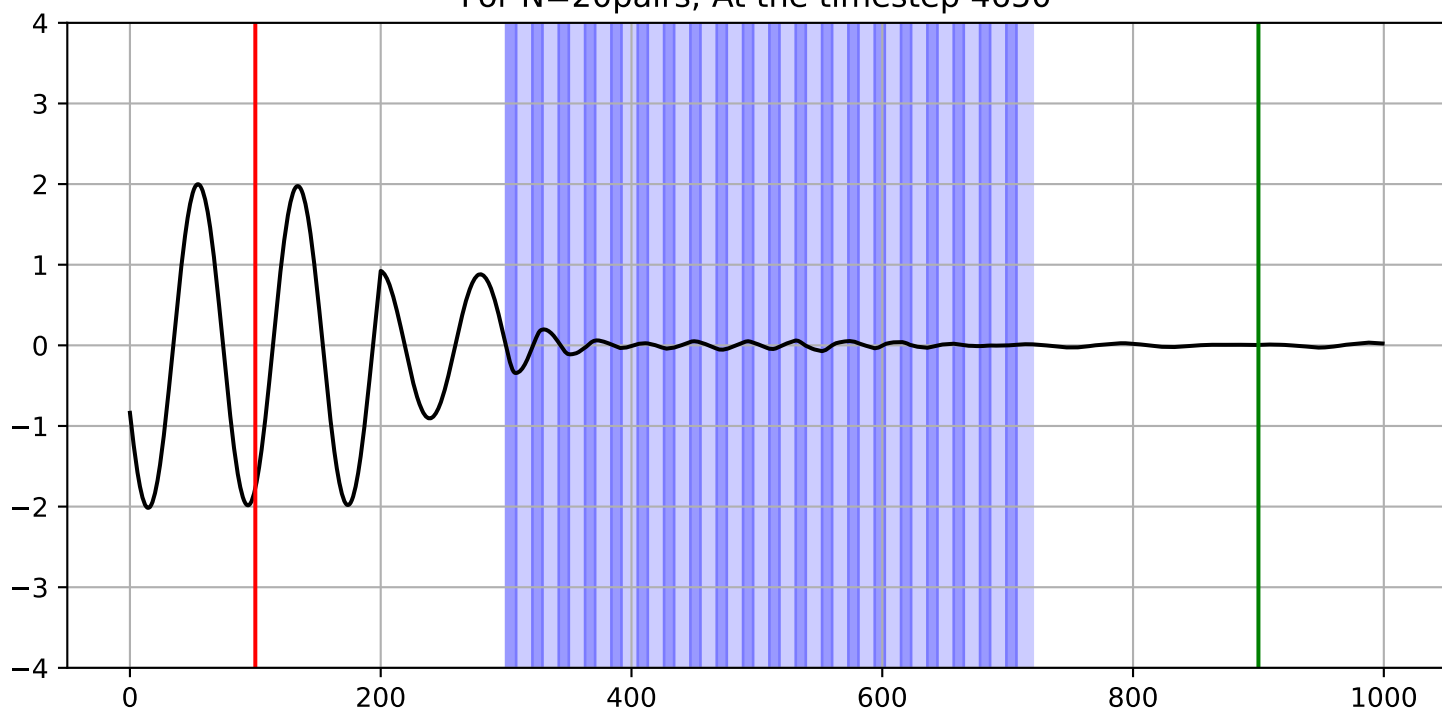
E[100]; At timestep 4600



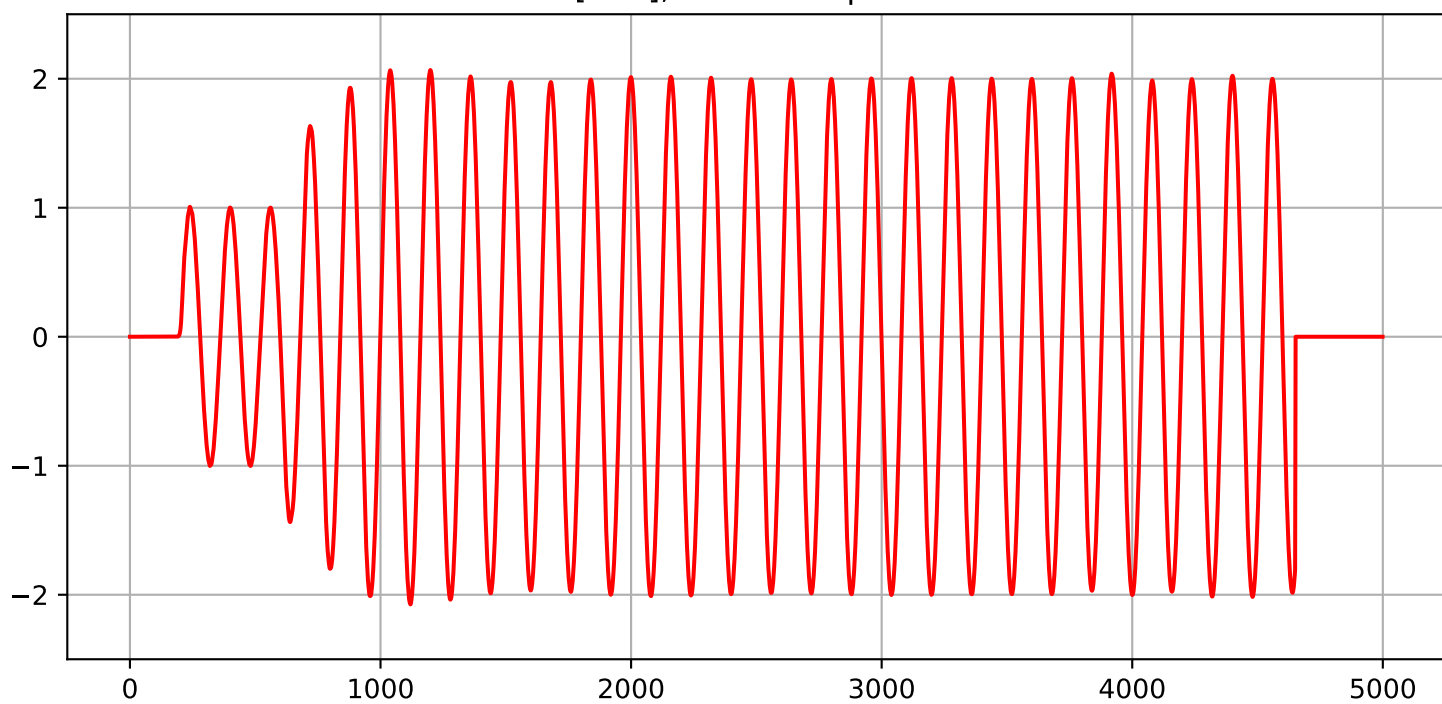
E[trans_probe]; At timestep 4600



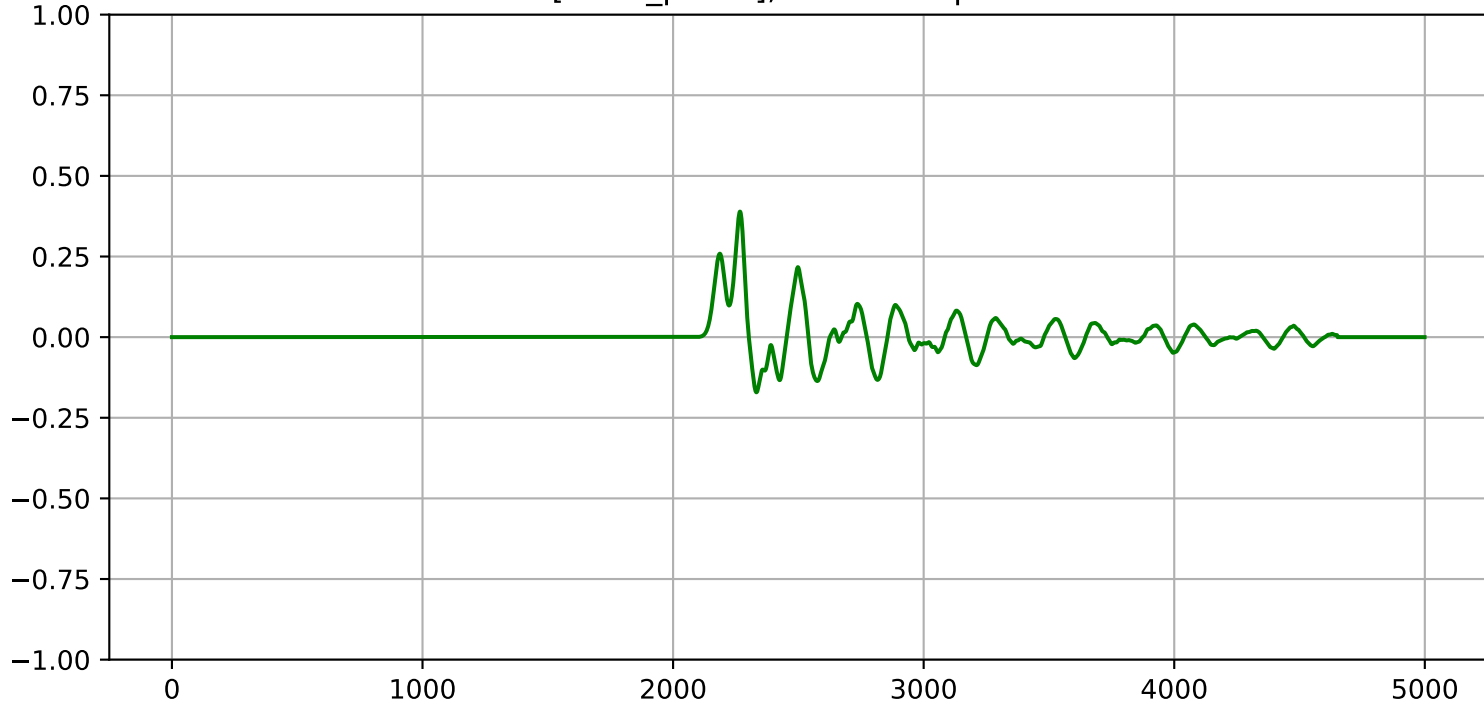
For N=20pairs; At the timestep 4650



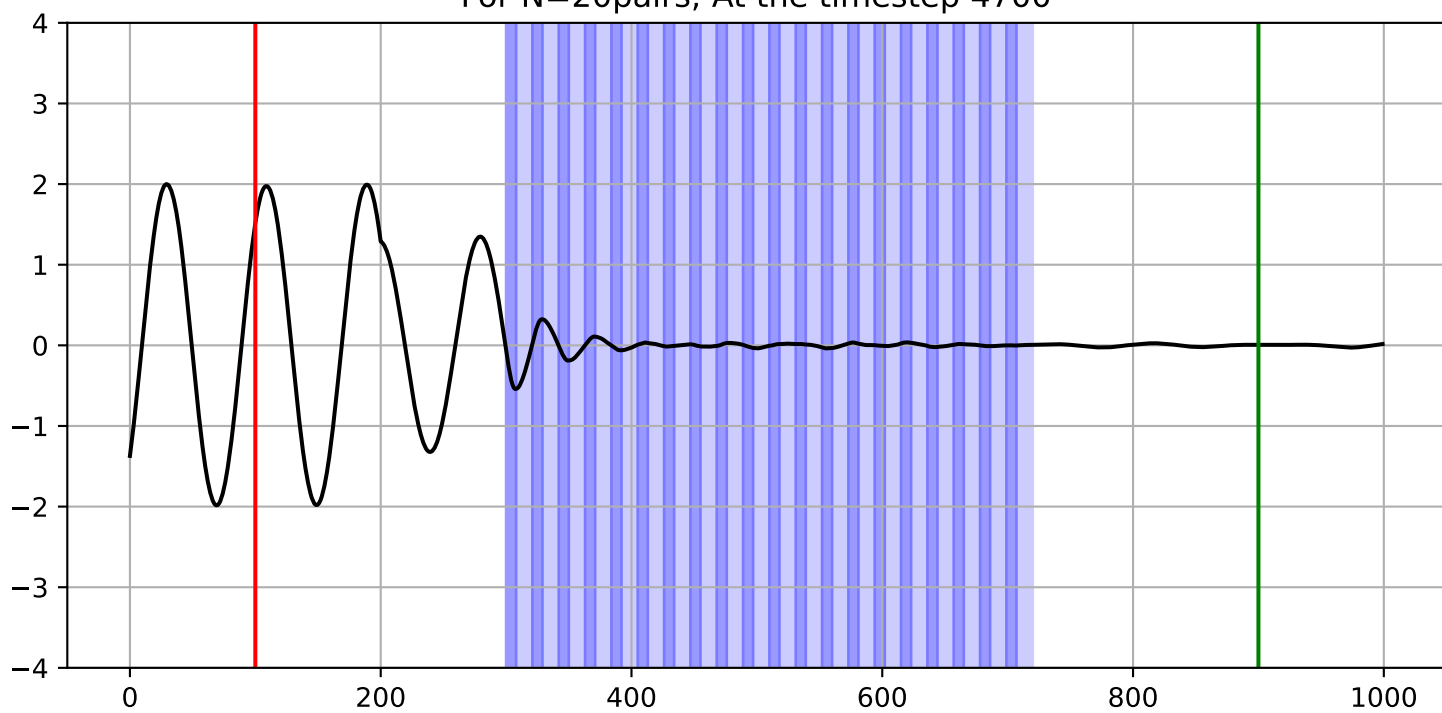
E[100]; At timestep 4650



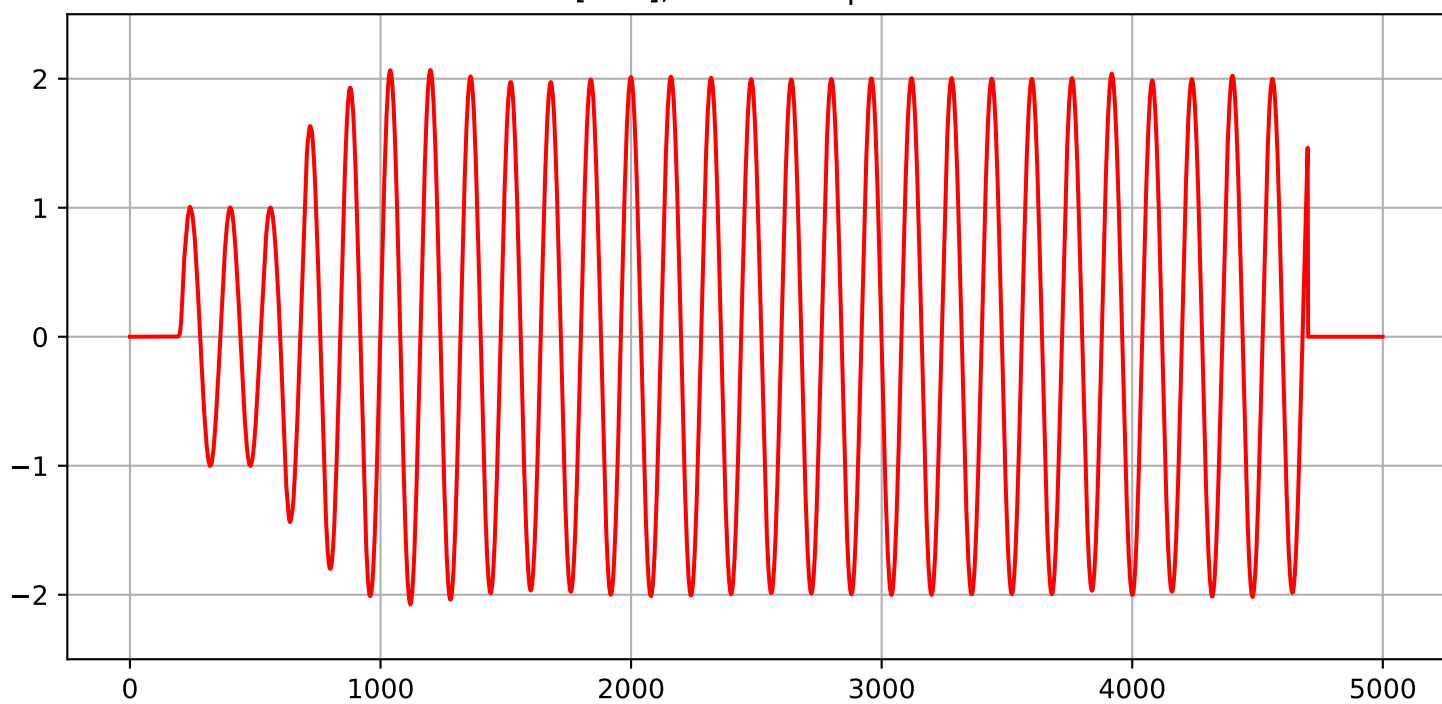
E[trans_probe]; At timestep 4650



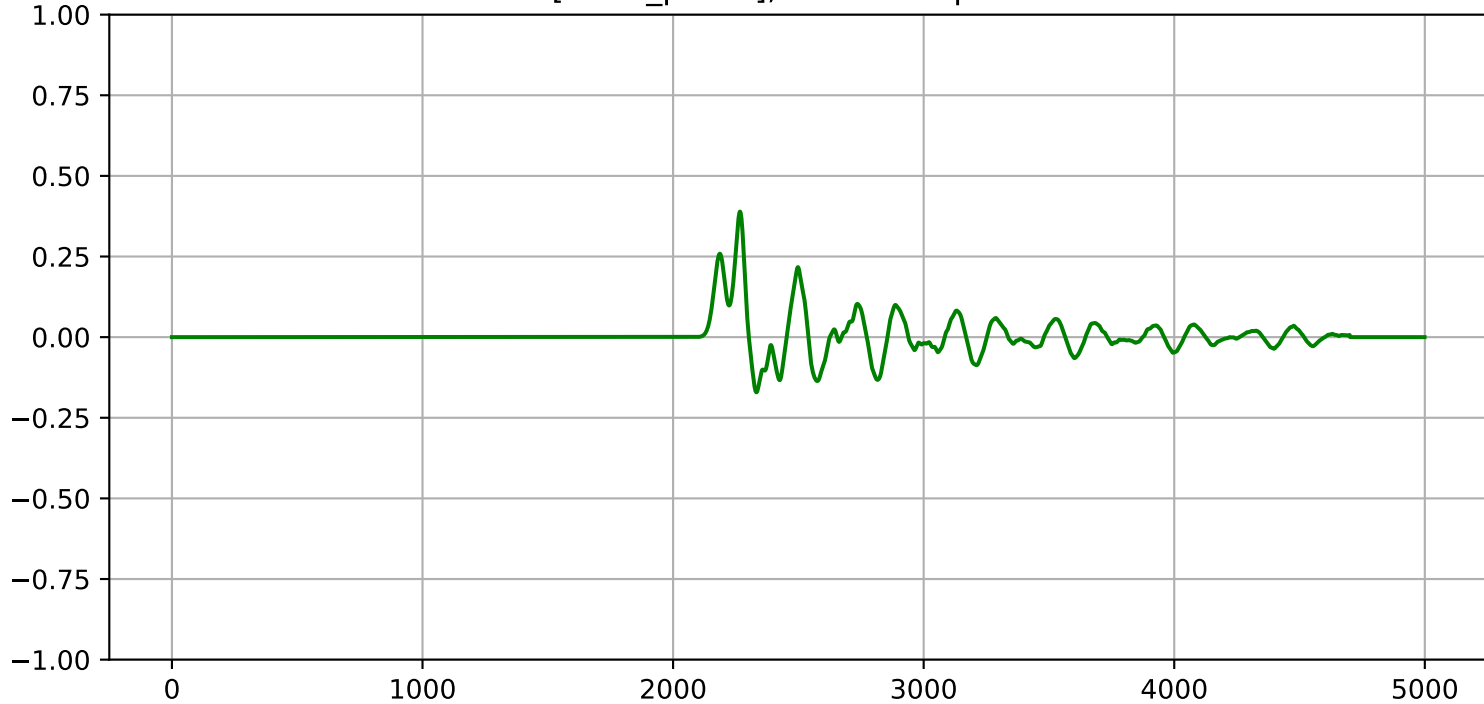
For N=20pairs; At the timestep 4700



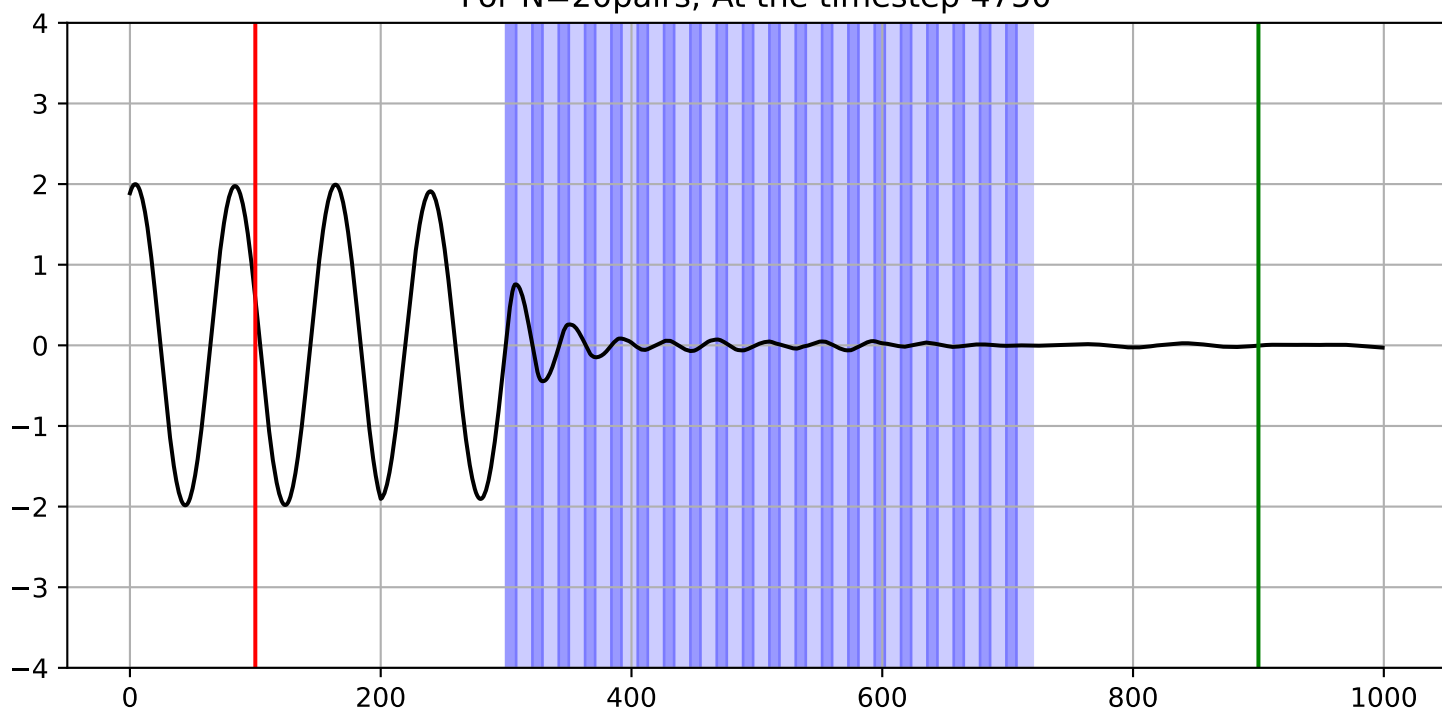
E[100]; At timestep 4700



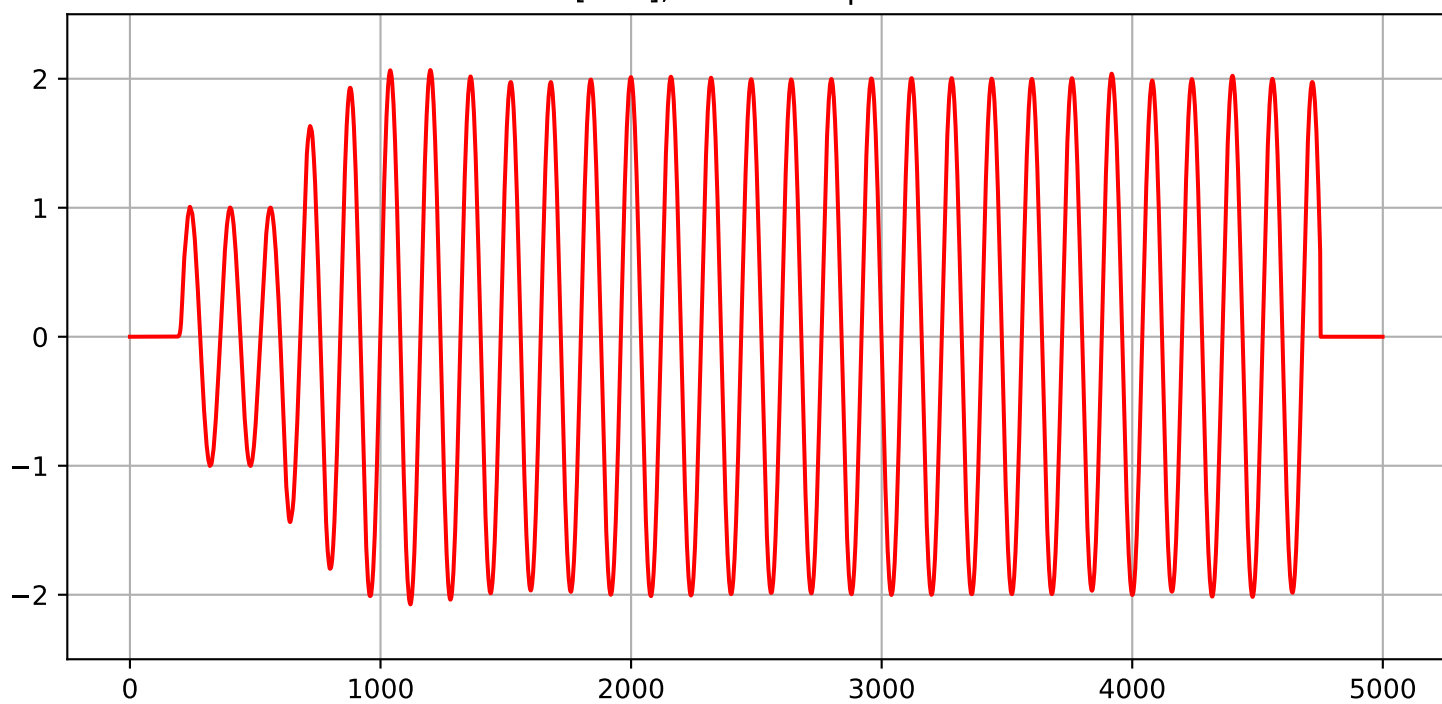
E[trans_probe]; At timestep 4700



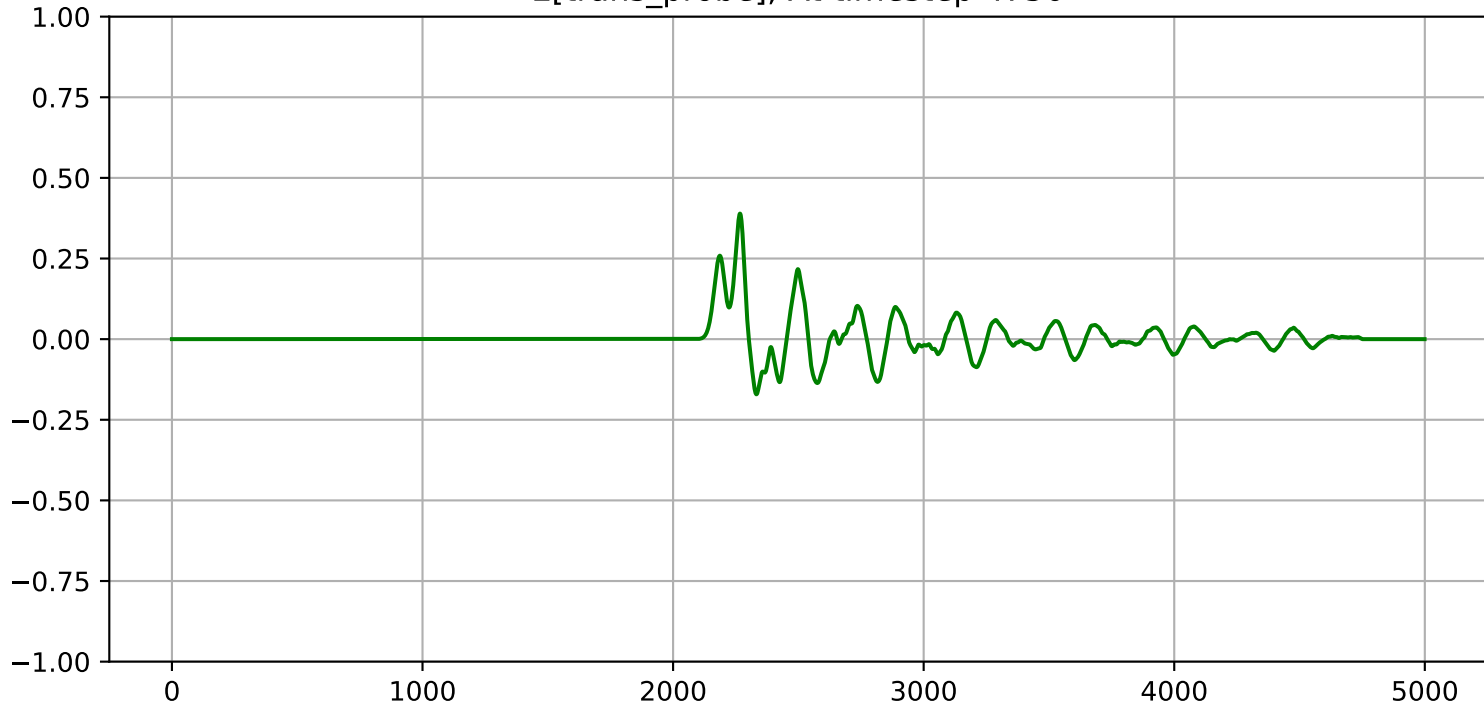
For N=20pairs; At the timestep 4750



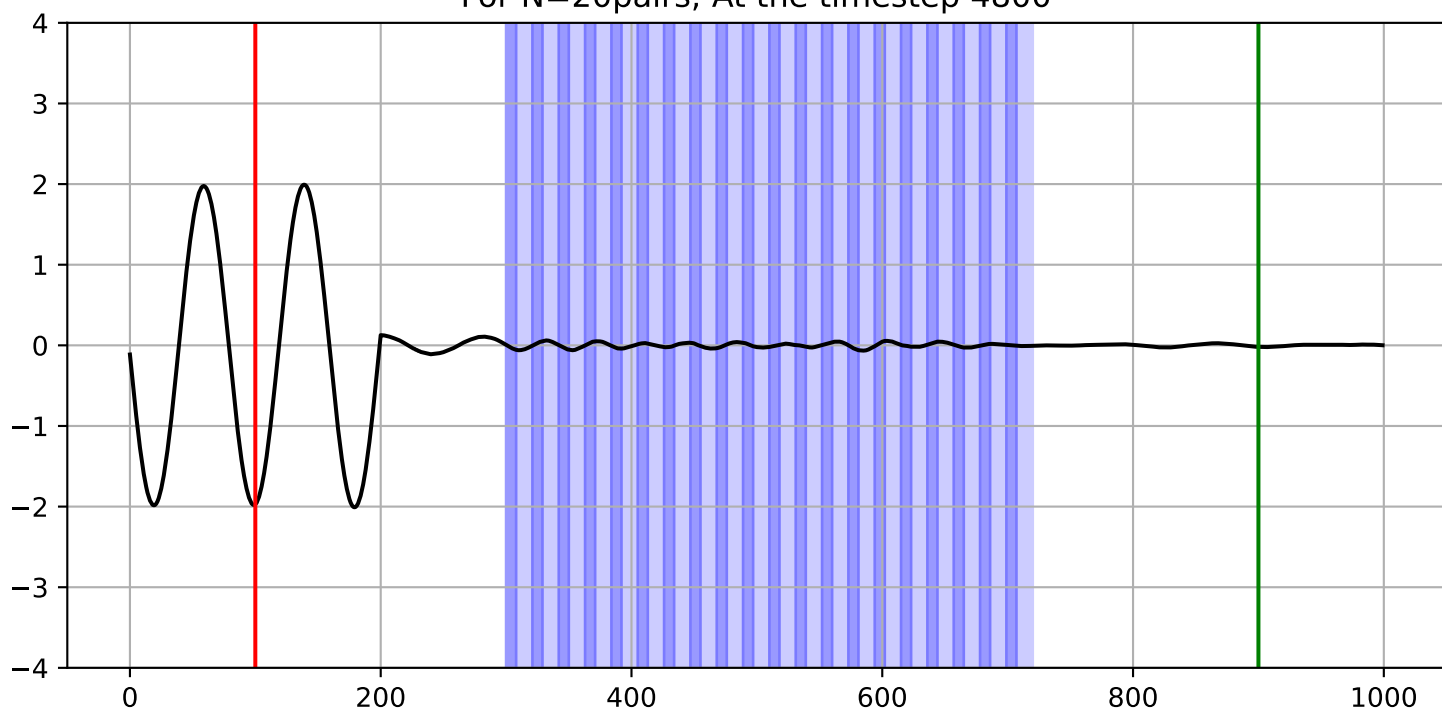
E[100]; At timestep 4750



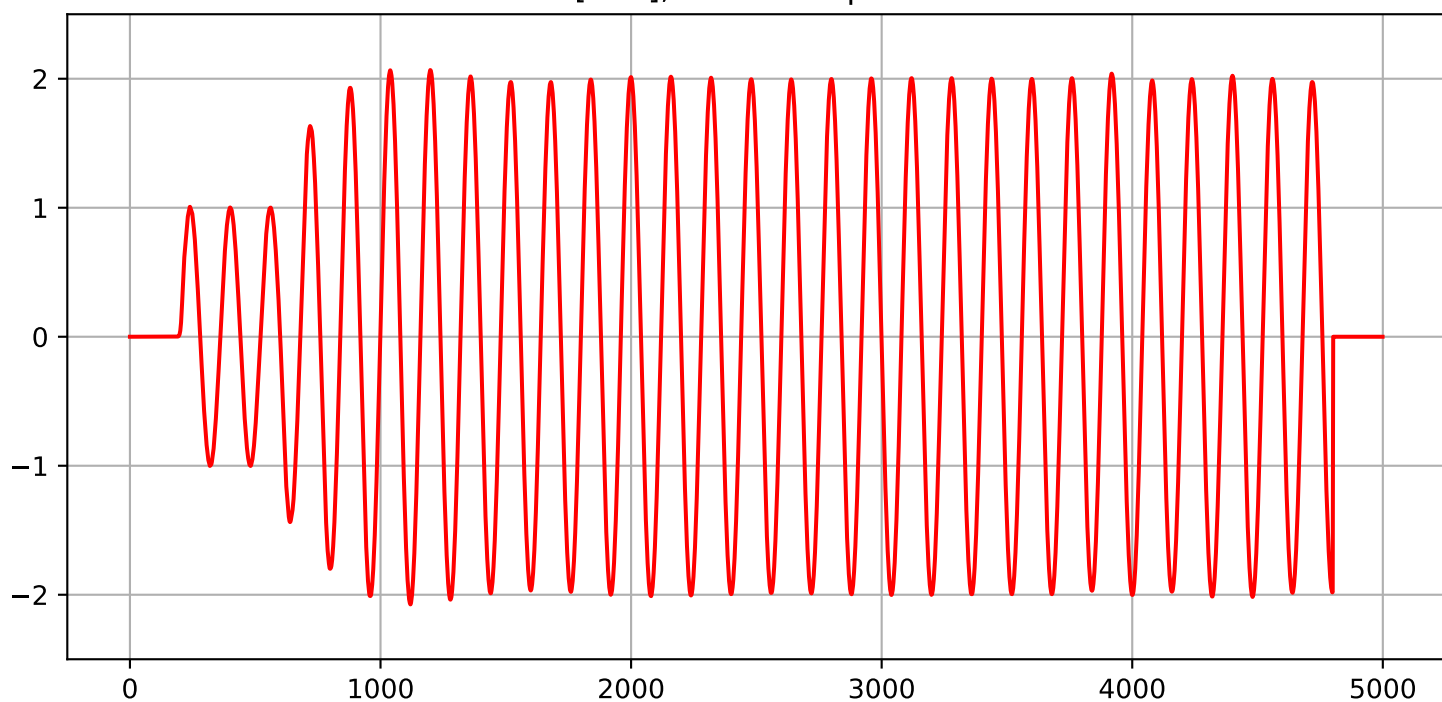
E[trans_probe]; At timestep 4750



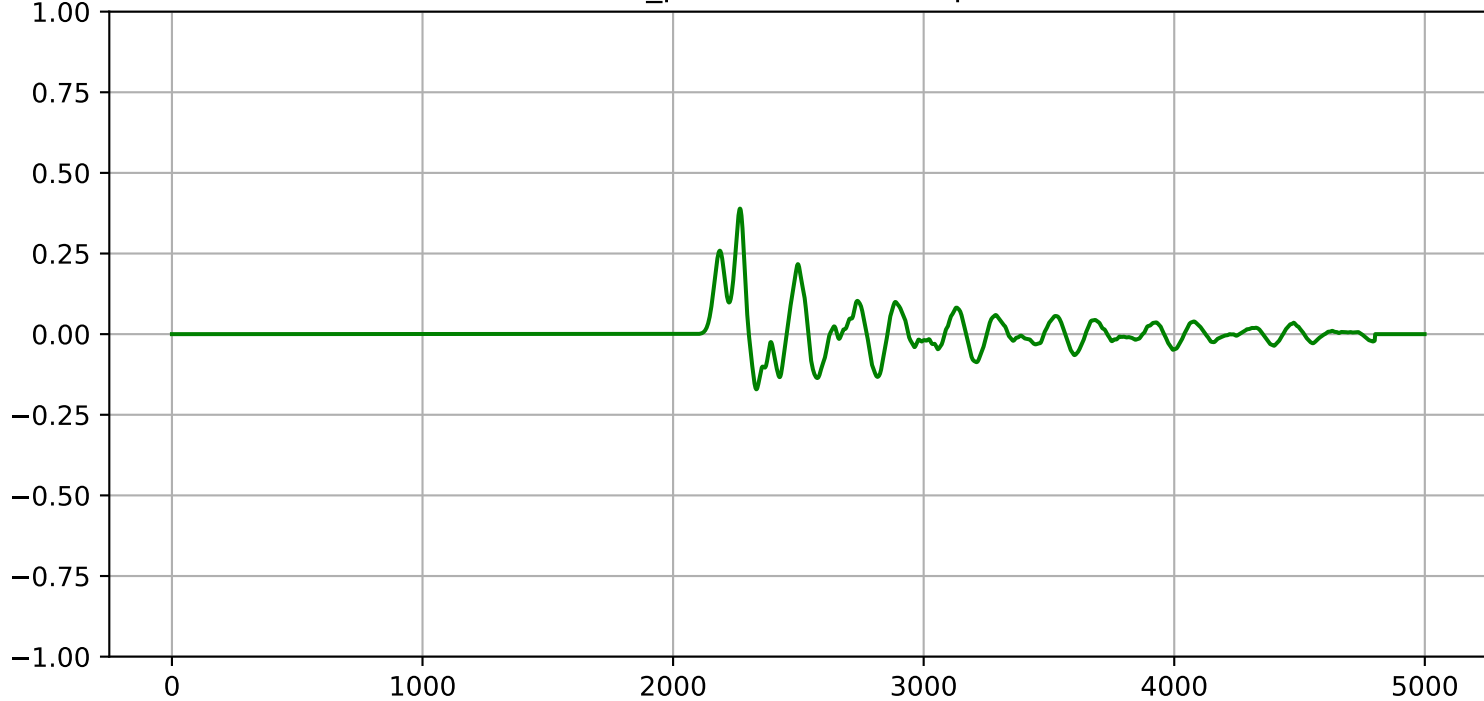
For N=20pairs; At the timestep 4800



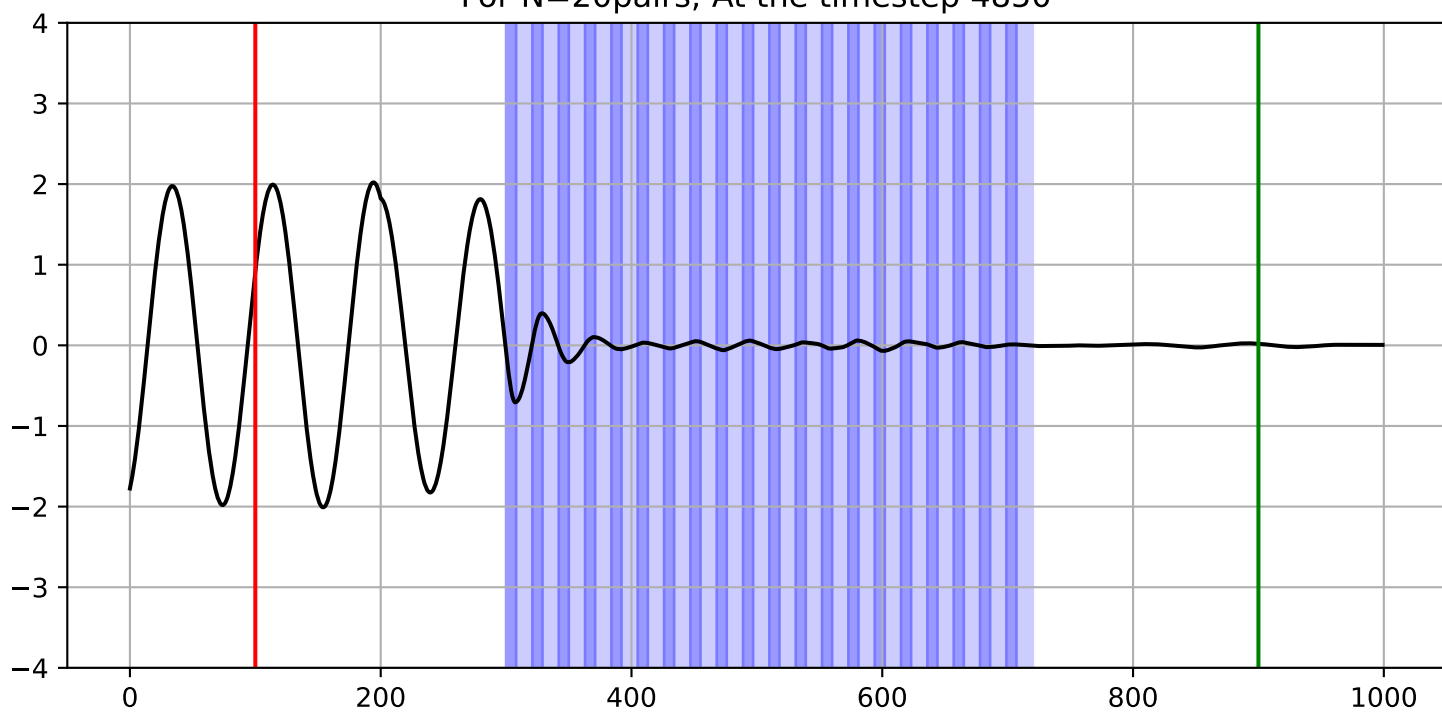
E[100]; At timestep 4800



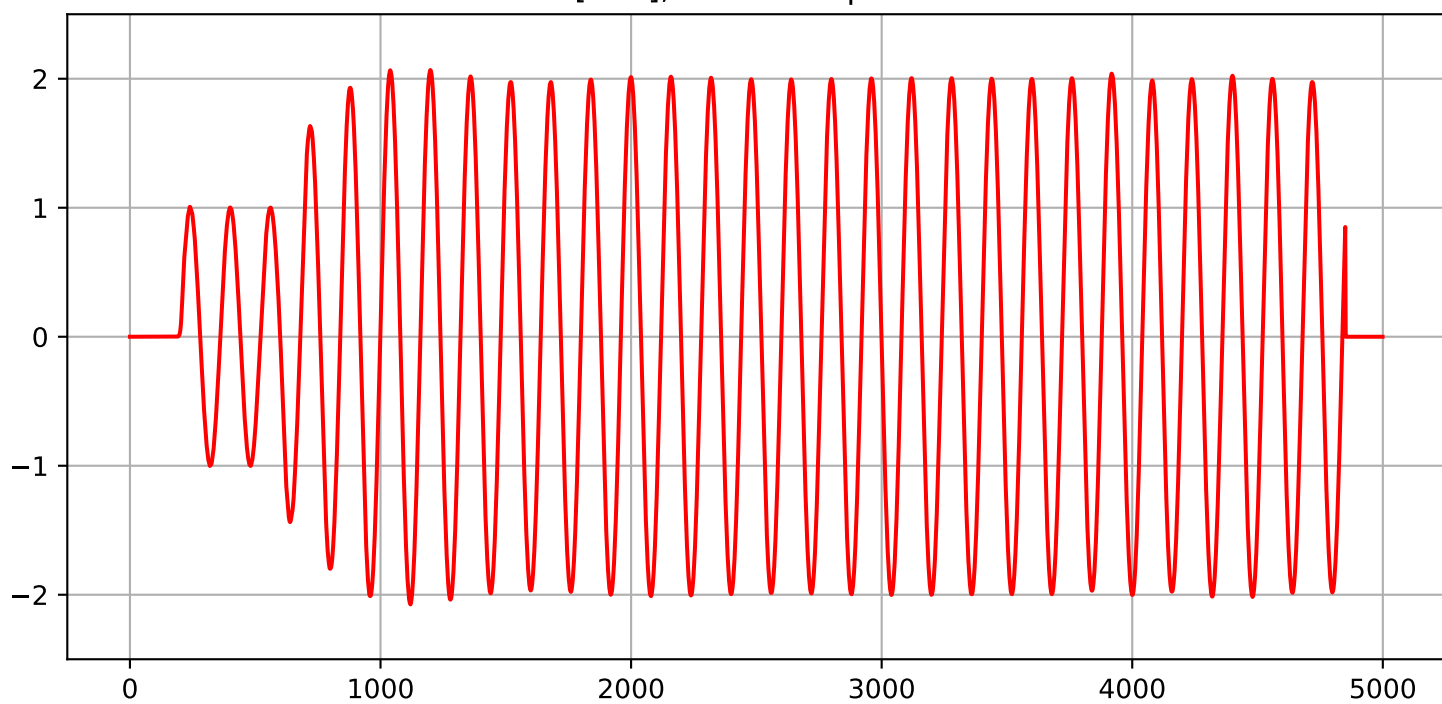
E[trans_probe]; At timestep 4800



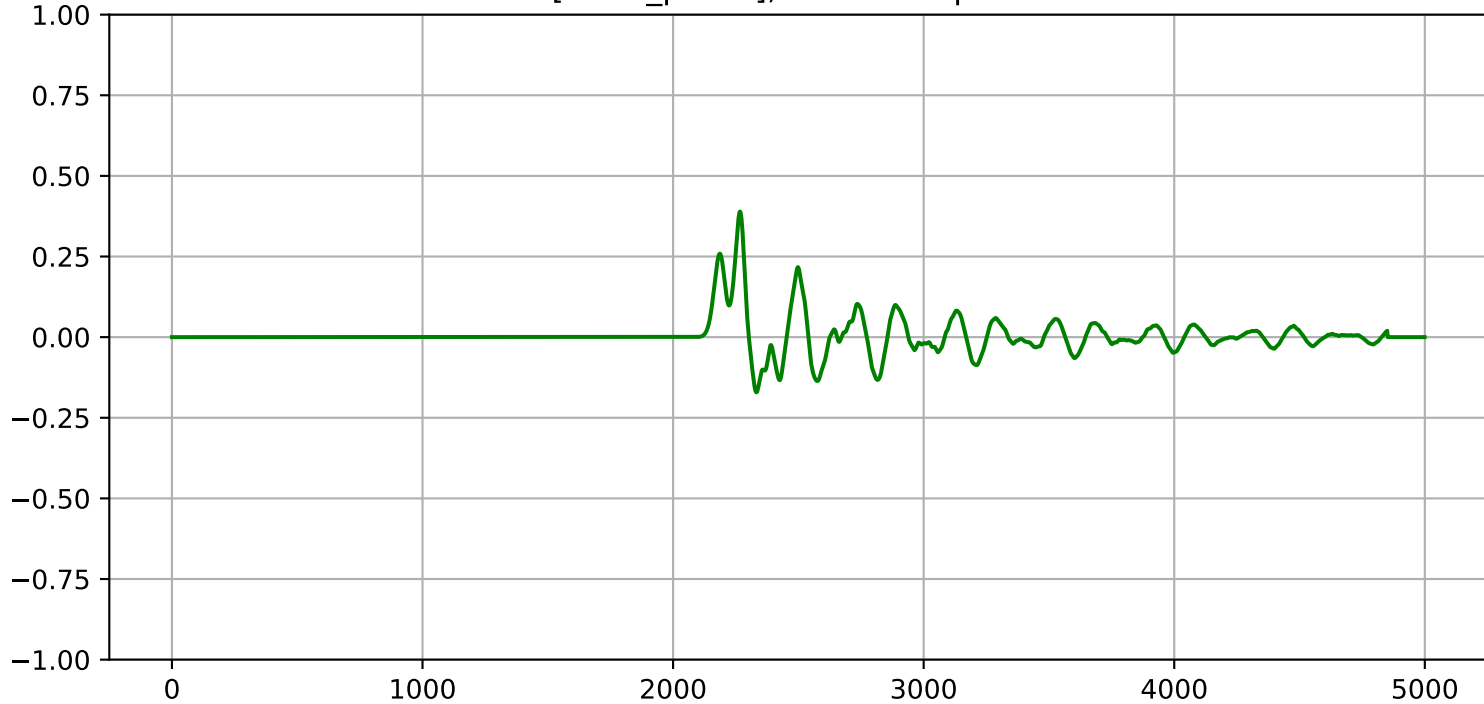
For N=20pairs; At the timestep 4850



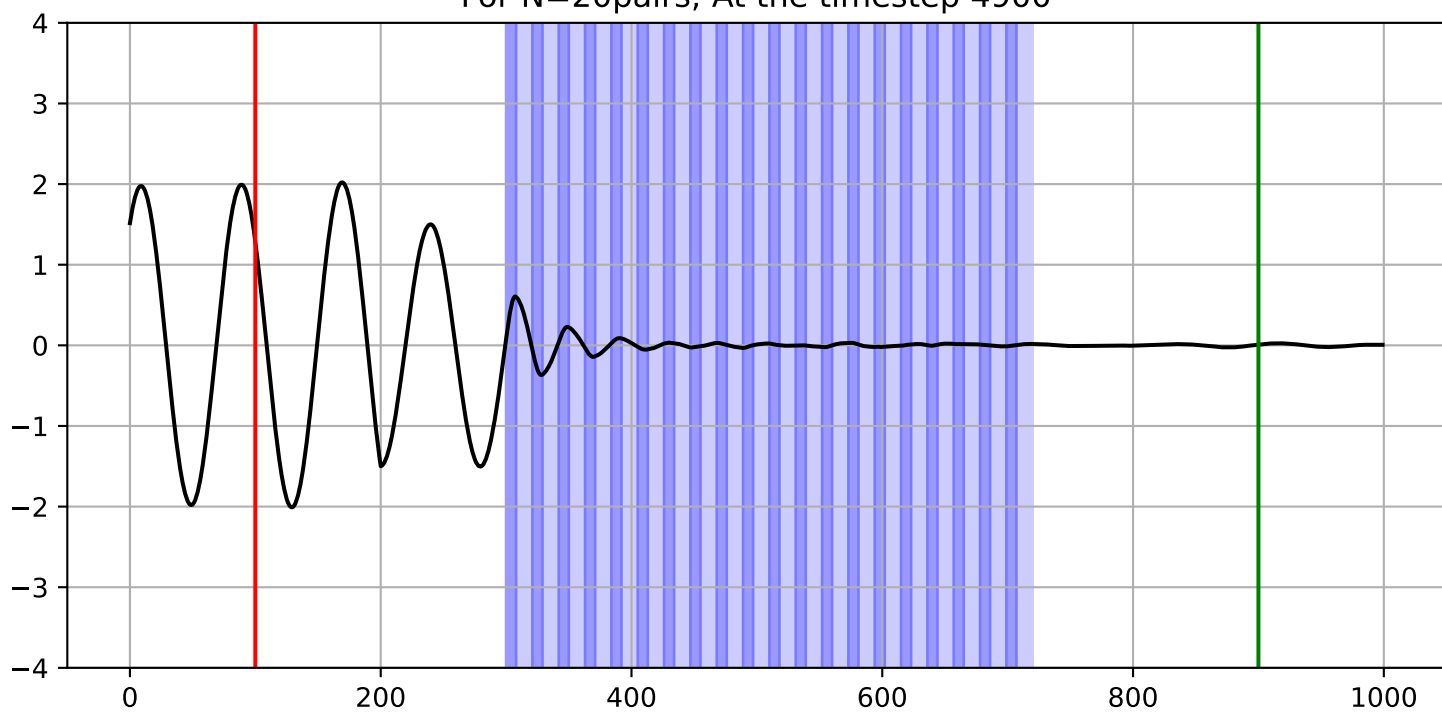
E[100]; At timestep 4850



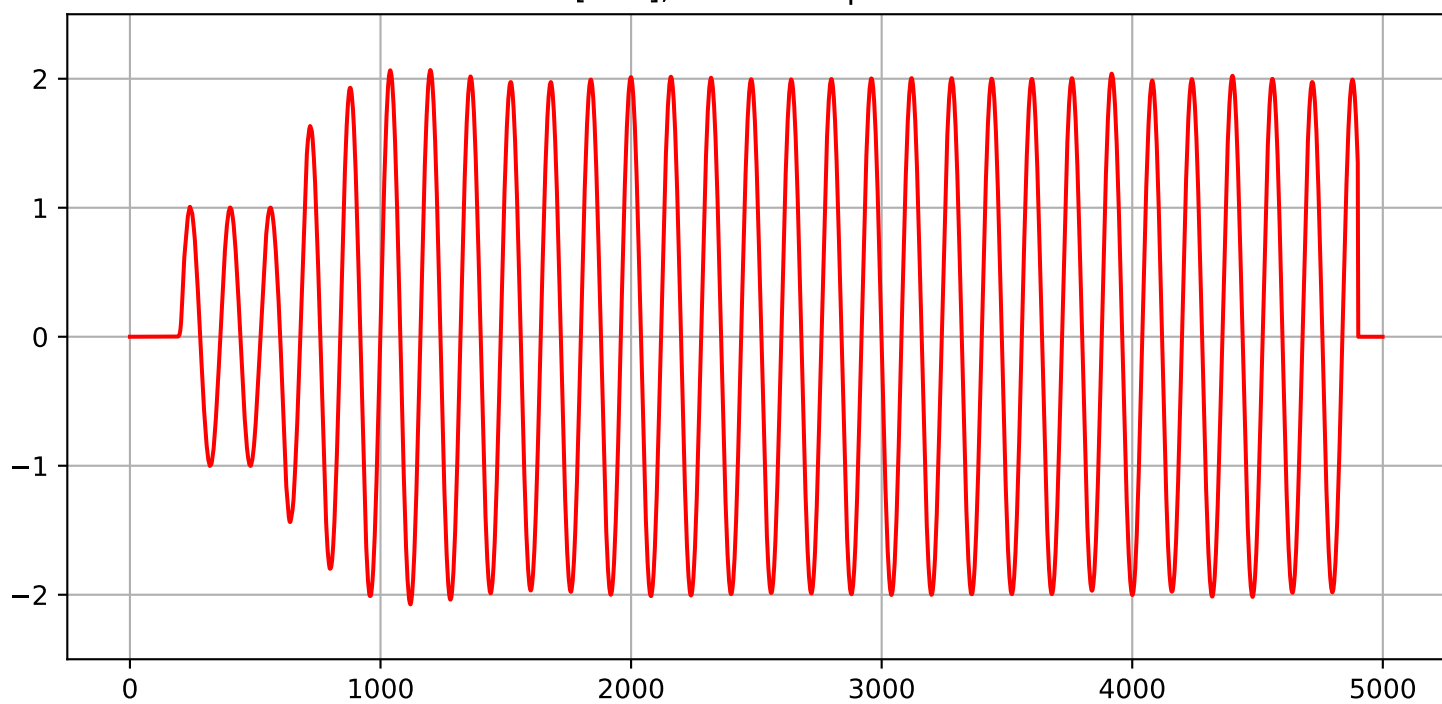
E[trans_probe]; At timestep 4850



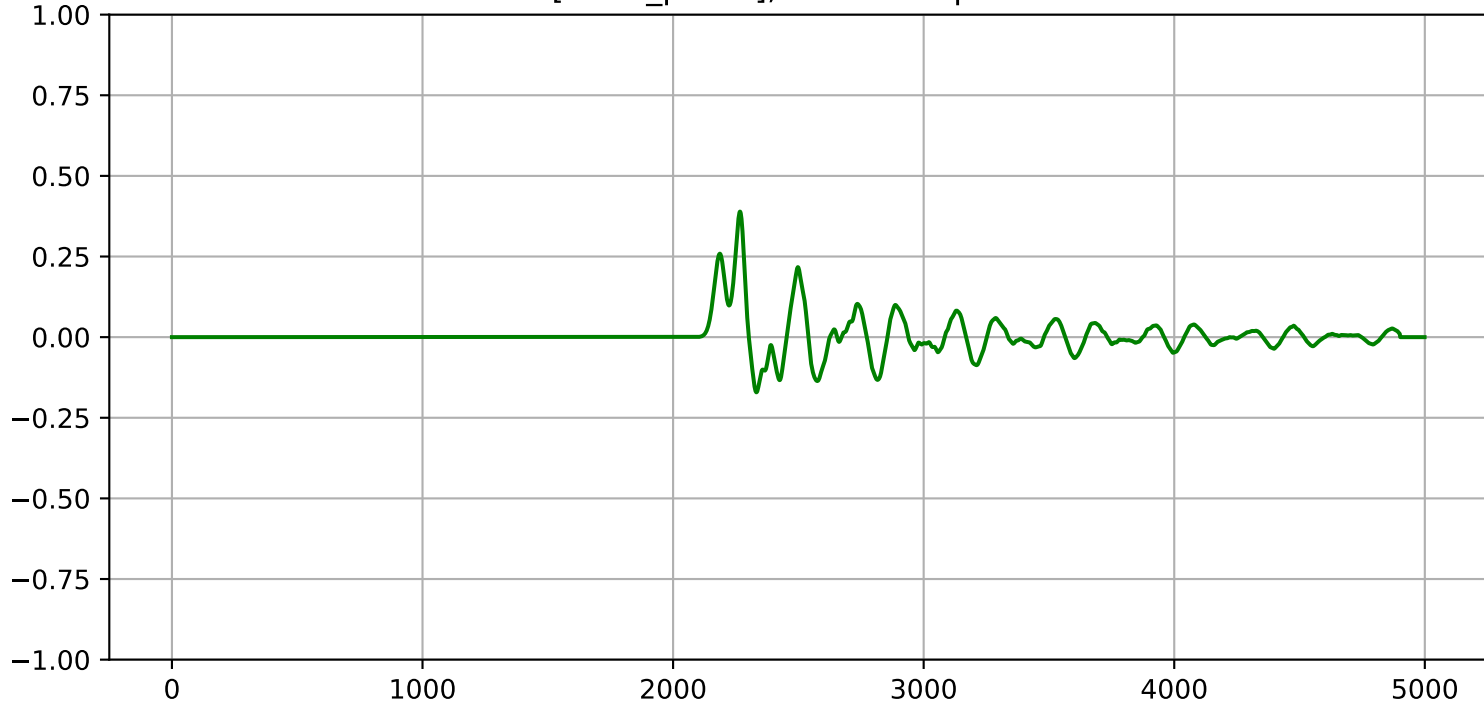
For N=20pairs; At the timestep 4900



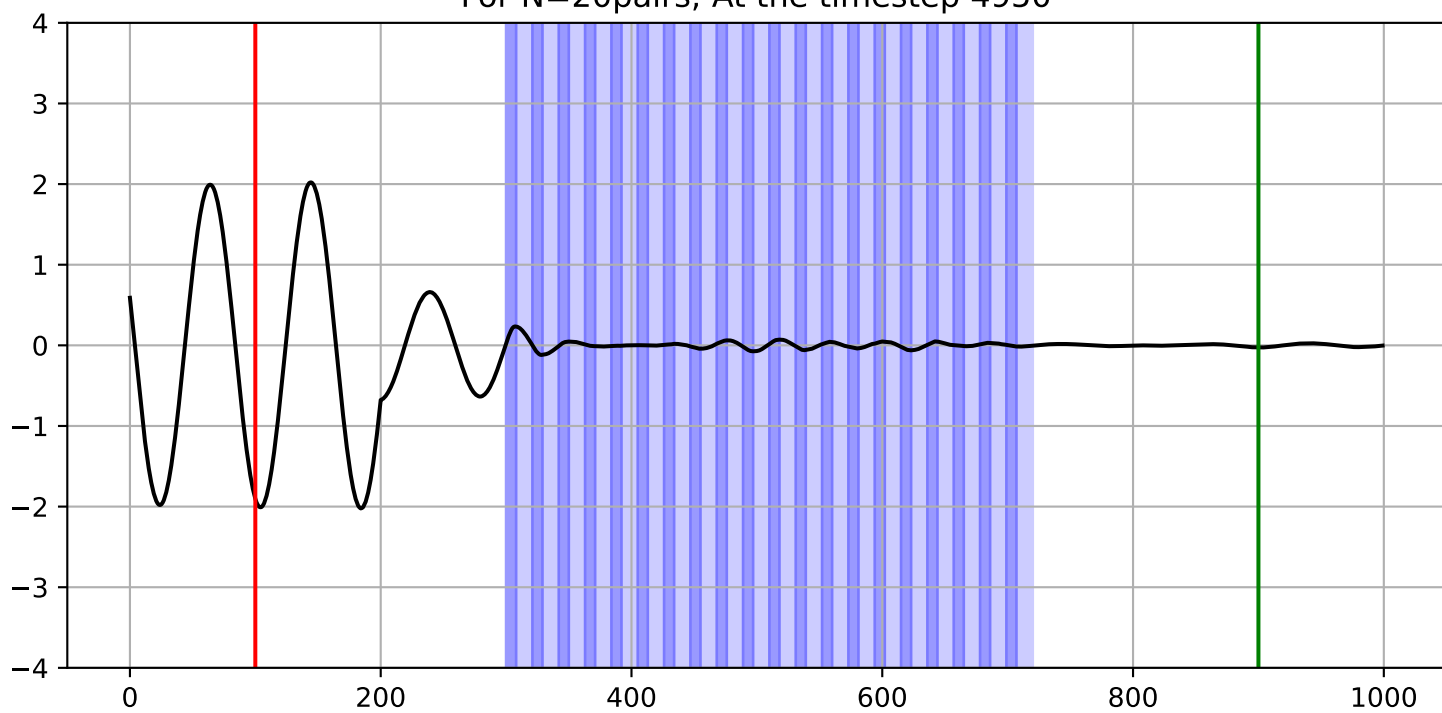
E[100]; At timestep 4900



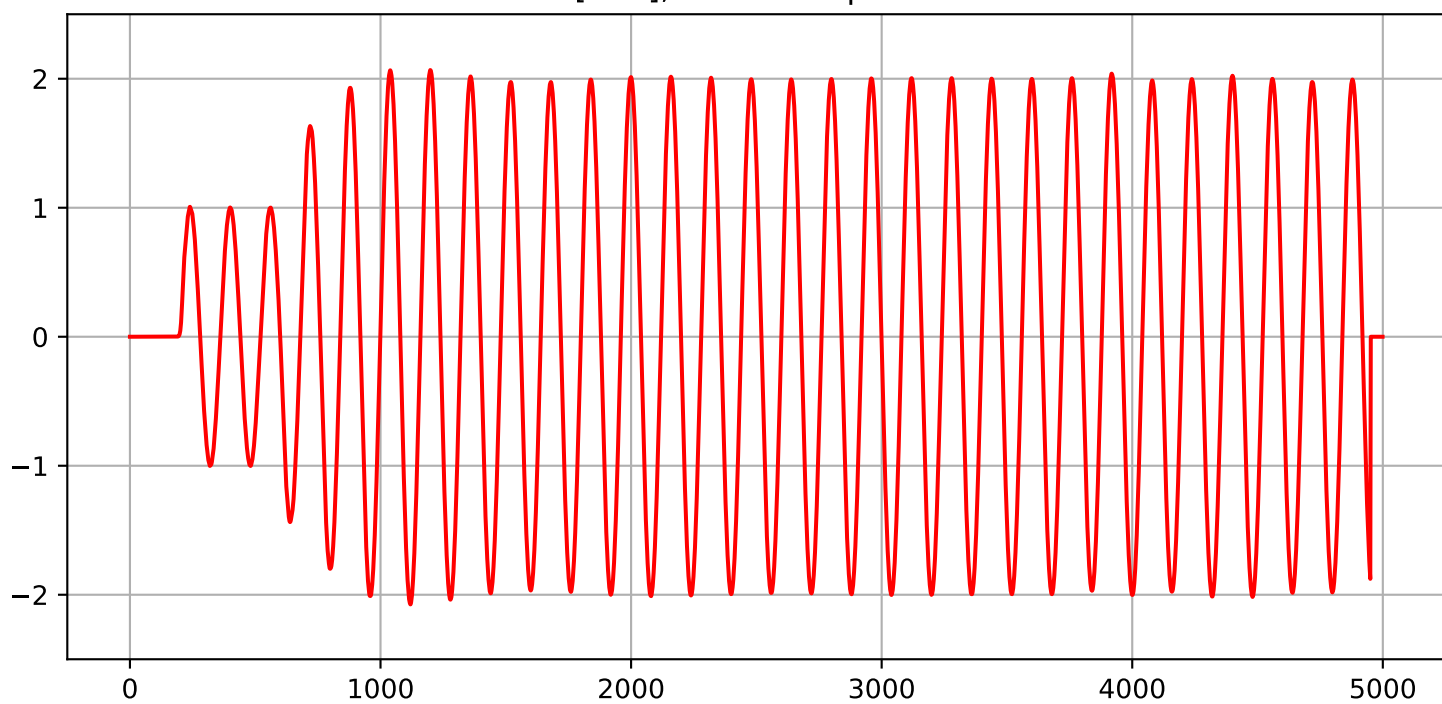
E[trans_probe]; At timestep 4900



For N=20pairs; At the timestep 4950



E[100]; At timestep 4950



E[trans_probe]; At timestep 4950

