NLP APPLICATIONS ASSIGNMENT

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Uniform state

When P, P1, P2 are assigned uniformly.

Initial values of parameter

P	0.5
P1	0.5
P2	0.5

Results

Iterations	P	P1	P2
10	0.5	0.648	0.648
25	0.5	0.648	0.648
50	0.5	0.648	0.648

Random state

When P, P1, P2 are assigned randomly

Initial values of parameter

P	0.32548194
P1	0.54680213
P2	0.26316564

Results

Iterations	P	P1	P2
10	0.404983935537	0.801076518689	0.543812004618
25	0.404983935537	0.801076518689	0.543812004618
50	0.404983935537	0.801076518689	0.543812004618