Smoker’s Game

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To show that there are limitless operators that can be described by the Descriptor operator

# introduction

This is a simulation to see if chaotic behaviour exists in the behaviour of people and people who smoke.

# GAME RULES

1. There is a set of people P randomly distributed represented by P.
2. There are one or more smokers labelled by S
3. There are π=1/2 of the people P are offended by smoke. If they are adjacent to S they move away in a random direction.
4. The smoker wanders around randomly.
5. The smoker leaves a trail of smoke which offends P just like S offends P.