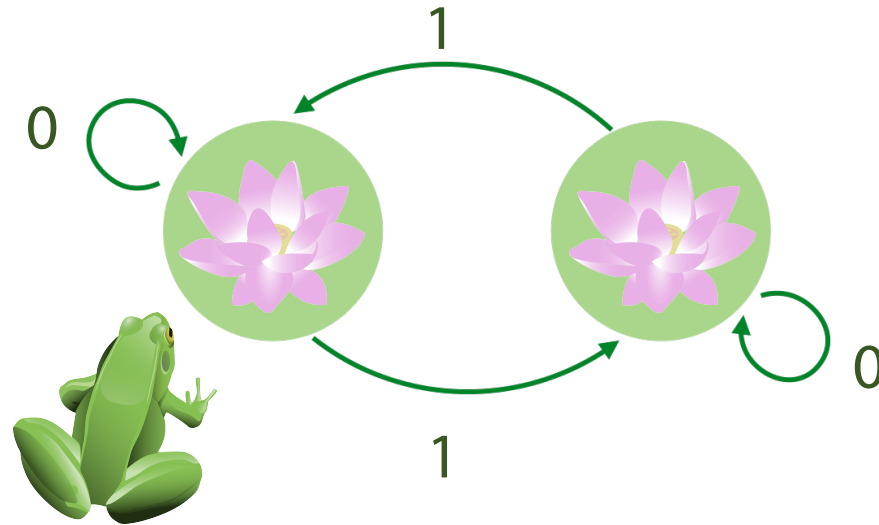


# Do Markov chains always converge?



|       | p(Left) | p(Right) |
|-------|---------|----------|
| $x^1$ | 1       | 0        |
| $x^2$ | 0       | 1        |
| $x^3$ | 1       | 0        |
| ...   | ...     | ...      |

**Does not converge**