

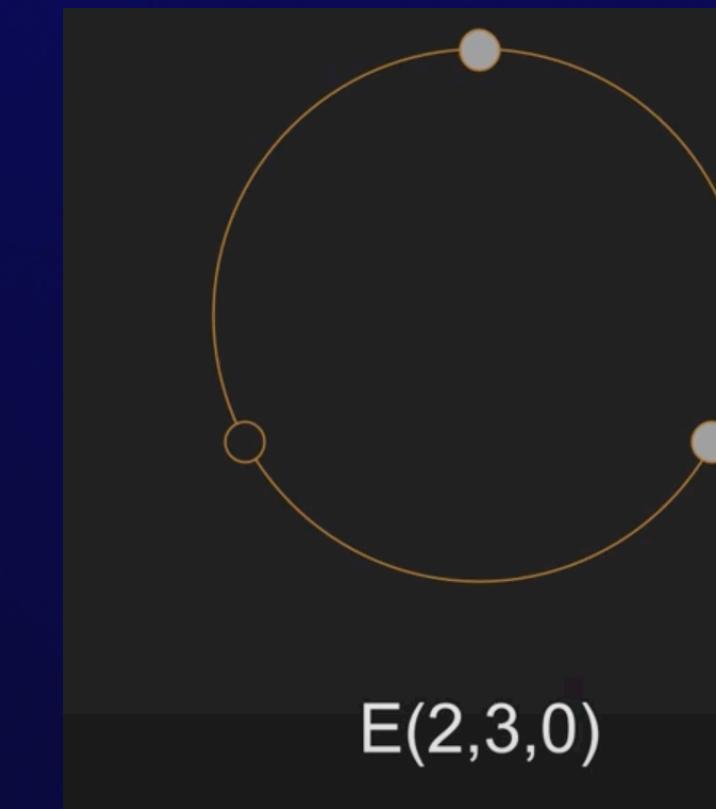
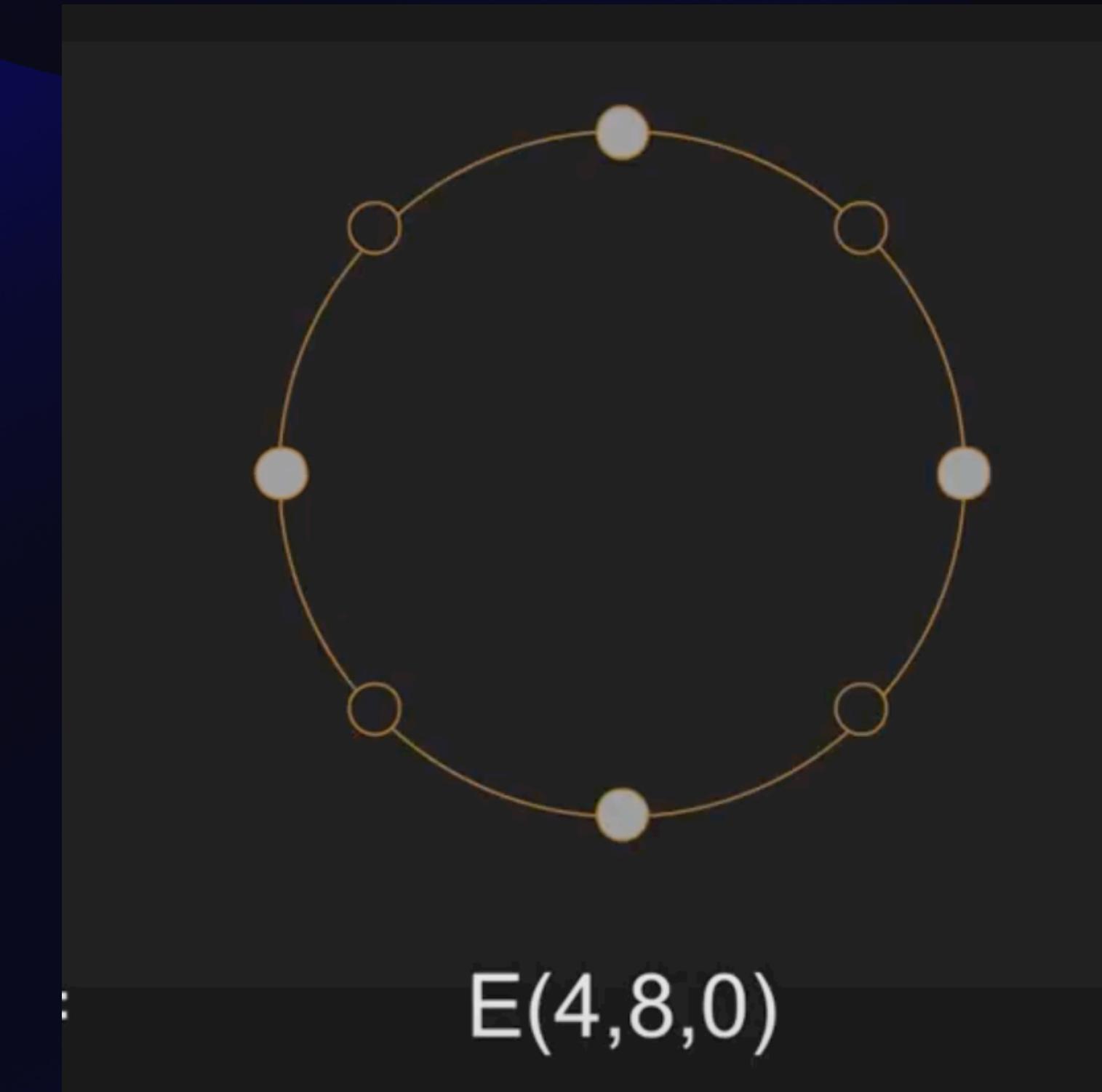
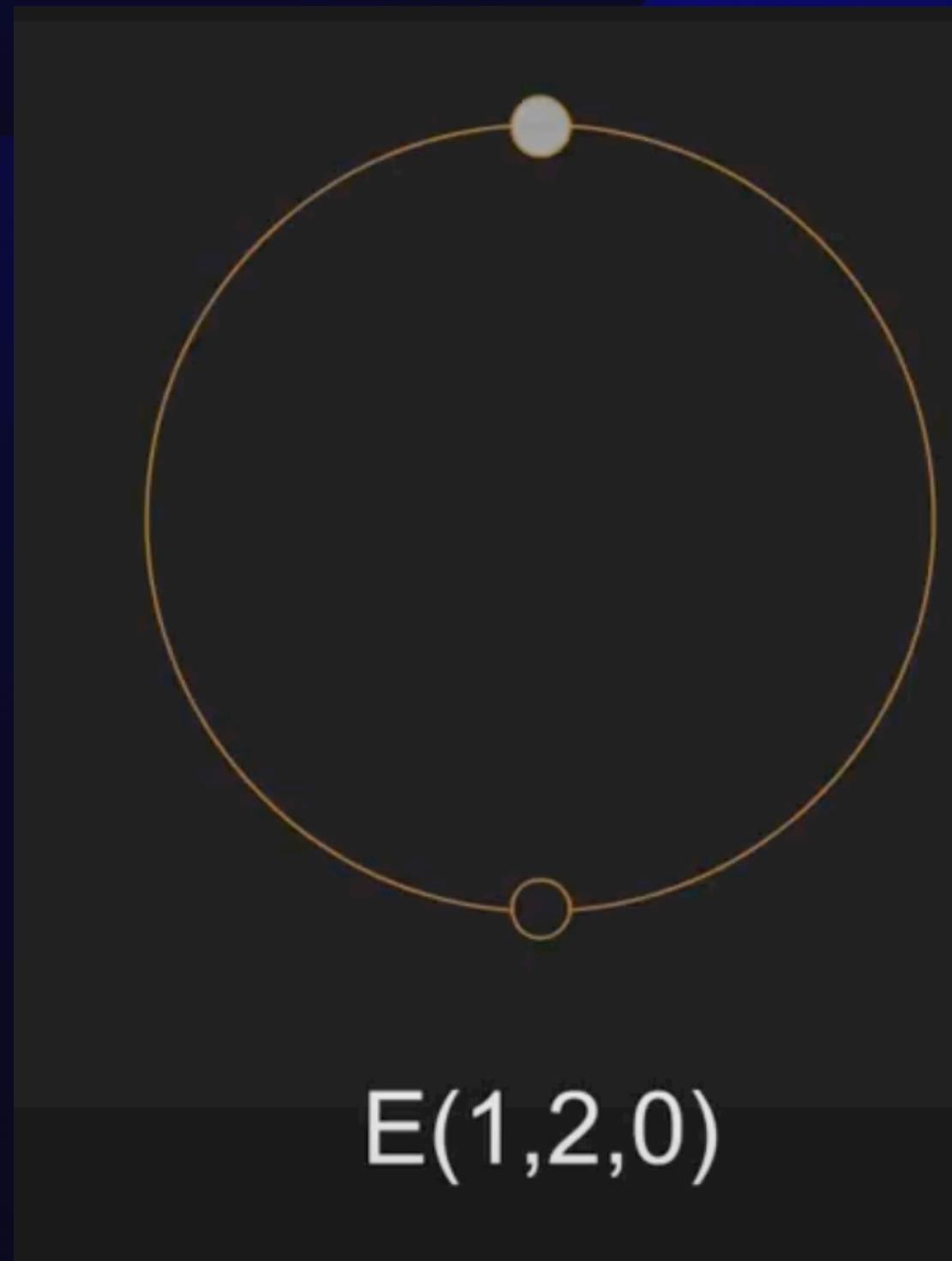
euclidean rhythms

+ Markov chain?

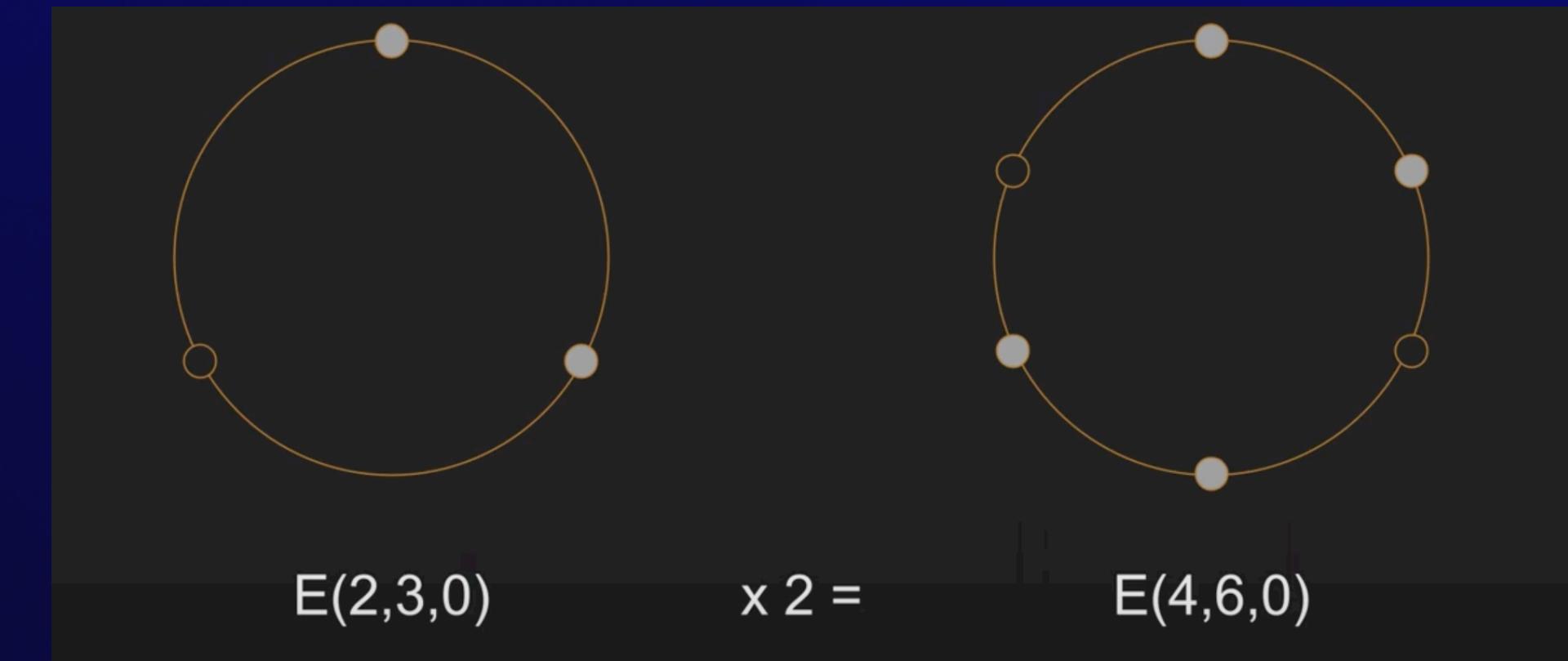
```
let amountOfSteps = 16
let amountOfEvents = 6 {
#This would like to be a dictionary with timestamps in 16ths
#for this example well the timestamps will be 0, 2, 4, 6, 8
}

for i in Range(amountOfSteps)

    #filter amountOfEvents, if timestamp is equal to i then append to new list with sequence.
    #else if timestamp is not equal to i then make new 16th note event with silence.
    #this makes rotation easier i feel like..
#thanks for reading
```

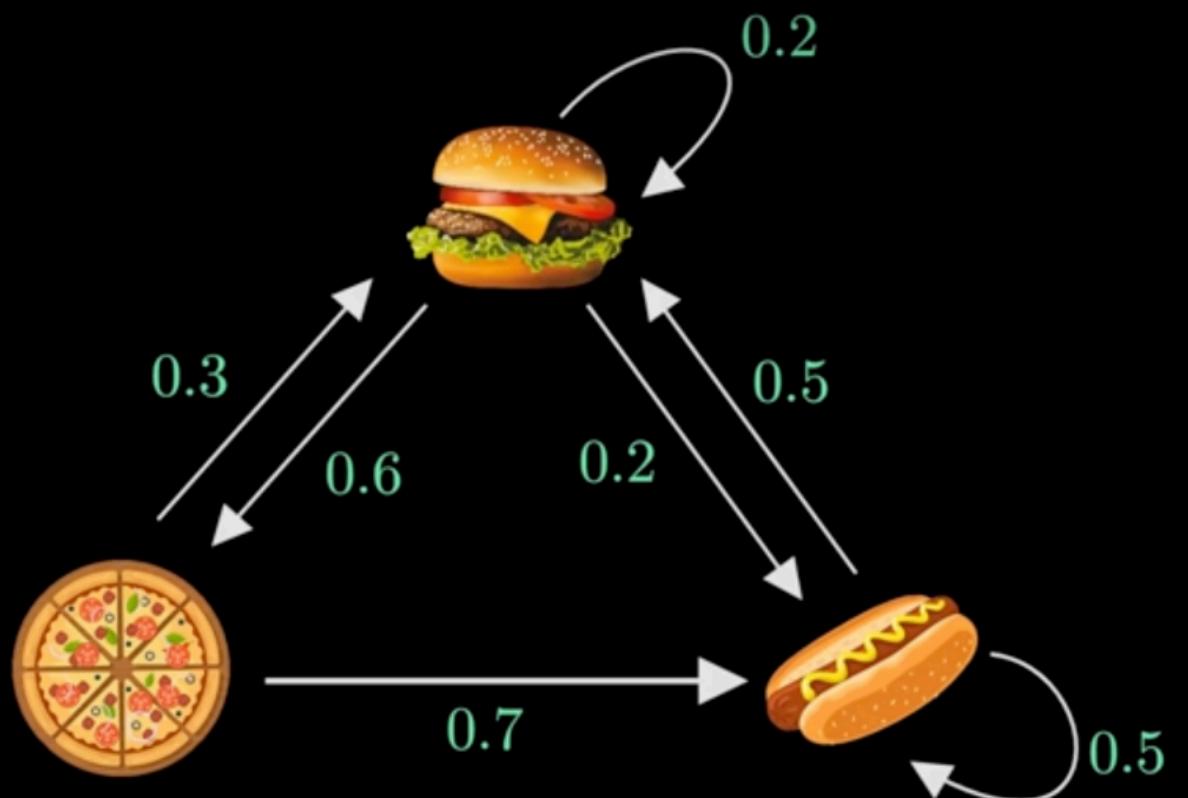


$\times 2 =$



Markov chain?

Slide subtitle



$$P(X_{n+1} = x \mid X_n = x_n)$$

$$P(X_4 = \text{Hotdog} \mid X_3 = \text{Pizza}) = 0.7$$

After ∞ steps...

$$P(\text{Burger})$$

$$P(\text{Pizza})$$

$$P(\text{Hotdog})$$

$$\frac{4}{10}$$

$$\frac{2}{10}$$

$$\frac{4}{10}$$

$$P(\text{Burger})$$

$$P(\text{Pizza})$$

$$P(\text{Hotdog})$$

$$0.35191$$

$$0.21245$$

$$0.43564$$