```
lambda=9;mu=5;

R = [0 lambda 0;mu 0 lambda;0 2*mu 0];

t=4;r=14;epsilon=0.00000001;

r_i = [9,14,10];
```

## Computing $\hat{P}$ :

```
P_hat = 3×3

0.3571    0.6429    0

0.3571    0    0.6429

0    0.7143    0.2857
```

Translating pseudocode to compute P(4):

```
B = 3×3

0.2262 0.4072 0.3665

0.2262 0.4072 0.3665

0.2262 0.4072 0.3665
```