```
m = matrix(ZZ, [8734162734627348 2,12873461827364182378132, 12873461827364182378132,12
```

$$\begin{pmatrix} 87341627346273482734 \\ 12873461827364182378132 \\ 12873461827364182378132 \\ 12873461827364182378132 \\ 12873461827364182378132 \\ 12873461827364182378132 \\ 12873461827364182378132 \\ 12873461827364182378132 \end{pmatrix}$$

$$x = 1 + \frac{1}{8} + \frac{1}{27} + \frac{1}{64} + \frac{1}{125} + \frac{1}{216} + \frac{1}{343} + \frac{1}{512} + \frac{1}{729} + \frac{1}{1000} + \frac{1}{1331} + \frac{1}{1728} + \frac{1}{2197} + \frac{1}{2744} + \frac{1}{3375} + \frac{1}{4096} + \frac{1}{4913} + \frac{1}{5832} + \frac{1}{6859} + \frac{1}{8000} + \dots \tag{1}$$