

unde $z = FY$, $k = ZC$, $n = \text{numărul de laturi}$. Pentru un poligon cu 96 de laturi:
 $3.14084 < \pi < 3.142858$

$$\pi = 12 \left[\frac{1}{2} - \frac{1}{2} \cdot \frac{1}{3} \cdot \left(\frac{1}{2}\right)^3 - \frac{1}{8} \cdot \frac{1}{5} \cdot \left(\frac{1}{2}\right)^5 - \frac{1}{16} \cdot \frac{1}{7} \cdot \left(\frac{1}{2}\right)^7 - \dots - \frac{\sqrt{3}}{8} \right].$$

π

n puncte	Aproximarea lui π
100	3.28
200	3.22673267
300	3.18407960
400	3.25581395
500	3.1620947
600	3.1696606
700	3.1680532
1,000	3.1387347
1500	3.18915060
2,500	3.093710
5,000	3.15200648
7500	3.15200648
10,000	3.15321684
23,000	3.143927

Pentru $N=1000000$, $M=100$