Problema ramasa Textoriat 2

$$1 - \cos \frac{\pi}{n} = 1 - \cos \frac{2\pi}{2n} = 2n \sin^2 \frac{\pi}{2n}$$

$$X_{m} = \frac{\sqrt{2 \sin^{2} \frac{1}{2} \pi}}{m \cdot \ell m \cdot (m+1)} = \frac{\sqrt{2} \cdot \text{ aim } \frac{1}{2} \pi}{m \cdot \ell m \cdot (m+1)}$$

$$\frac{m \cdot \ell m (m+1)}{2m} < \frac{\pi}{2m} > \frac{\sqrt{2} \cdot 2m}{m \cdot \ell m (m+1)} < \frac{\pi}{2m^2 \ell m (m+1)} = \frac{\pi \sqrt{2}}{2m^2 \ell m (m+1)}$$

Pentru
$$m \ge e^3 - 1 \Rightarrow em(m+1) \ge 3 > \frac{\sqrt{2}}{2} \cdot \frac{1}{1}$$

$$= \frac{\sqrt{12}}{2m^2 Gn(m+1)} < \frac{Gn(n+1)}{m^2 Gn(n+1)} = \frac{1}{m^2}$$

$$\rightarrow$$
 $\times m < \frac{1}{m^2}$

1 service convergentà J = Xu converge