Задание ка сумину реда (1) Danngobur N2005 5 mi Courner cymery pega  $\sum_{h=1}^{\infty} \frac{h^{2}}{h!} = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{h=1}^{N} \frac{h}{h!} \right) = \lim_{N \to \infty} \left( \frac{1}{1+2} + \sum_{$ =  $\left| \lim_{n \to \infty} \left( 3 + \sum_{n \to \infty} \left( \frac{1}{(n-1)!} + \frac{1}{(n-2)!} \right) \right) \right| =$ =  $lim (3 + \sum_{k=2}^{N-1} \frac{1}{k!} + \sum_{l=1}^{N-2} \frac{1}{l!}) = 1$ =  $\lim_{N\to\infty} \left(2\left(1+\sum_{s=1}^{N}\frac{1}{s!}\right)+O(\frac{1}{N})\right) = 2e$ (2) Demegobur N2992 Marinus cynery pega E h2-1 N->00