

Sorok – Számsorok – Alternáló sorok

1. $\sum \frac{\cos n}{n^2}$.
2. $\sum \left(\frac{2}{3}\right)^n \cos 9^n$.
3. $\sum \frac{n \cos(n\pi/4)}{n+3}$.
4. $\sum \frac{(-1)^n}{n^2+n}$.
5. $\sum (-1)^{n+1} \frac{3n}{4n+1}$.
6. $\sum (-1)^n \frac{\sqrt{n+2}}{2n+3}$.
7. $\sum (-1)^n \frac{3-2n}{n^2+5}$.
8. $\sum (-1)^n \frac{n+2^n}{n^2-3^n}$.
9. $\sum \frac{(-1)^{2n+1}}{n \ln 3n}$, $\sum \frac{1}{(-1)^{n+1} n \ln 3n}$.
10. $\sum \frac{n5^n}{n^2-3} (-2-3)^{1-n}$.
11. $\sum \frac{n+3}{n^2 2^n} \left(2 \left(\frac{3}{2} - \frac{\sqrt[3]{2}}{2} \right) - 3 \right)^{3n+1}$.