

Píssemka na 26. 3.

Určete hodnoty reziduí

1. $f(z) = \frac{1}{z^3+1}$

2. $f(z) = \frac{2z+1}{z^2+z+1}$

3. $f(z) = \frac{1}{z^2-4z+13}$

4. $f(z) = \frac{1}{z(1-z^2)}$

5. $f(z) = \frac{e^{\pi z}}{1+z^2}$