11 Priebeh funkcie

Vyšetrite priebeh funkcie

1. $f(x) = x + \frac{1}{x}$.
2. $f(x) = x - \frac{1}{x}$.
3. $f(x) = \frac{x^2}{\sqrt{x^2+1}}$.
4. $f(x) = \ln(1 + x^2)$.
5. $f(x) = \ln(1 - x^2)$.
6. $f(x) = \dfrac{x^3}{x^2 + 1}$.
7. $f(x) = e^{x^2}(x^2 - 3)$.
8. $f(x) = e^{-x^2}(x^2 - 3)$.
9. $f(x) = \sqrt{1 - e^{-x^2}}$.