

**Zadatak 29.** Koliko je  $f\left(\frac{1}{x}\right)$  ako je  $f\left(\frac{x+1}{x-1}\right) = \frac{x-1}{x+1}$ ?

**Rješenje.**  $f\left(\frac{x+1}{x-1}\right) = \frac{x-1}{x+1},$

$$\frac{x+1}{x-1} = t \implies f(t) = \frac{1}{t}, \quad t \neq 0;$$

$$f\left(\frac{1}{x}\right) = \frac{1}{\frac{1}{x}} = x.$$