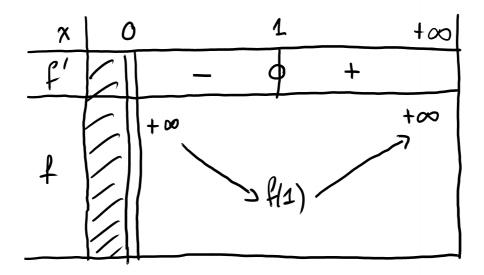
5.
$$f'(x) = 1 - \frac{1}{x^2} = \frac{x^2 - 1}{x^2}$$

signe de x²: positif.



$$\lim_{x\to +\infty} f(x) = +\infty + 0 = +\infty$$