torsdag 22 december 2022

13.31
torsdag 22 december 2022 17:01

a)
$$\int_{X^3+1}^{f(x)} = \frac{1}{\sqrt{x^3}} = \frac{1$$

Si. 
$$\int_{2}^{\infty} \frac{1}{\sqrt{x^{2}+1}} dx = bonvergen +$$

b) 
$$\frac{g(x)}{\sqrt{x-1}} \ge \frac{f(x)}{\sqrt{x}}$$

$$\frac{1}{\sqrt{x-1}} \ge \frac{f(x)}{\sqrt{x}} = \frac{g(x)}{\sqrt{x}} = \frac{g(x)}{$$