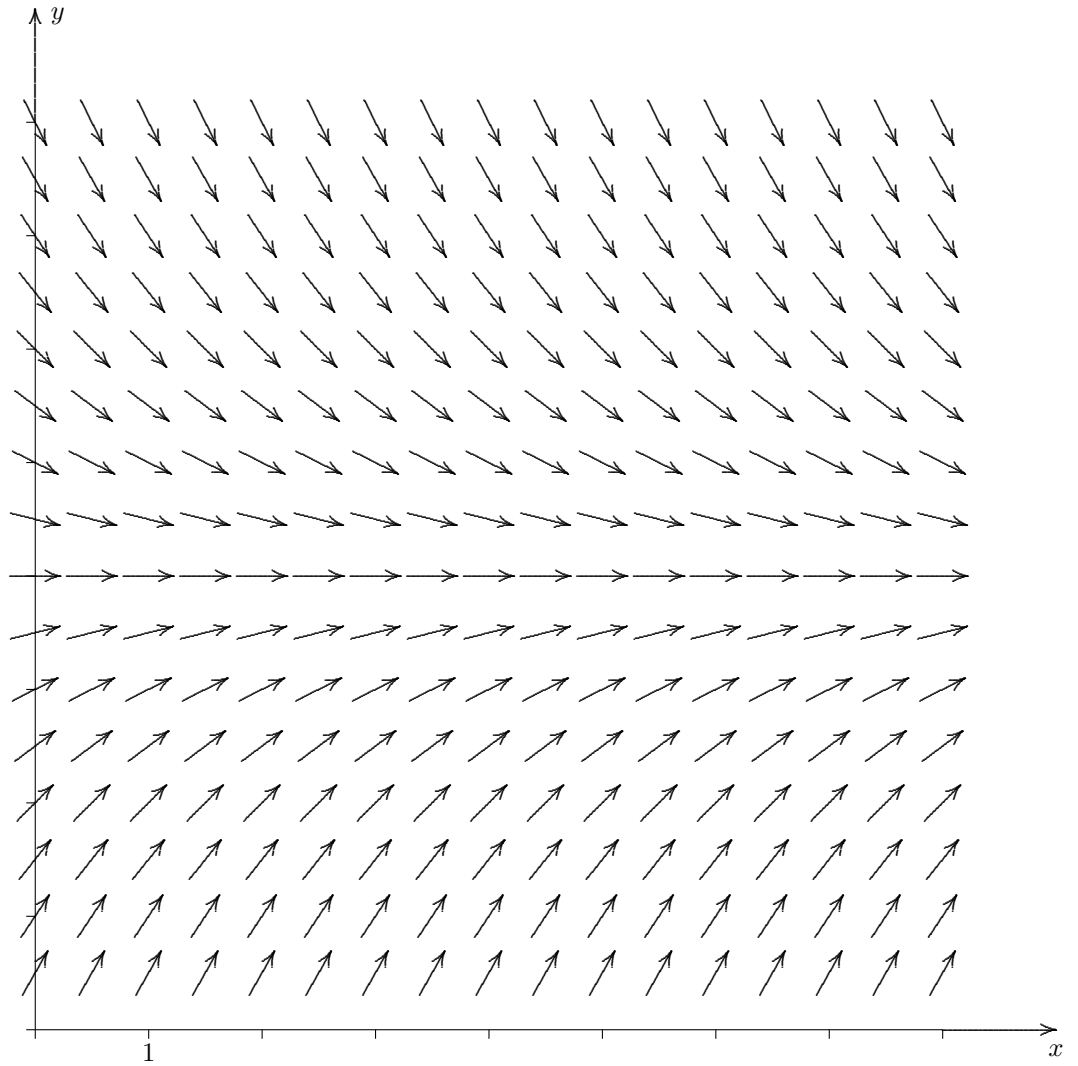


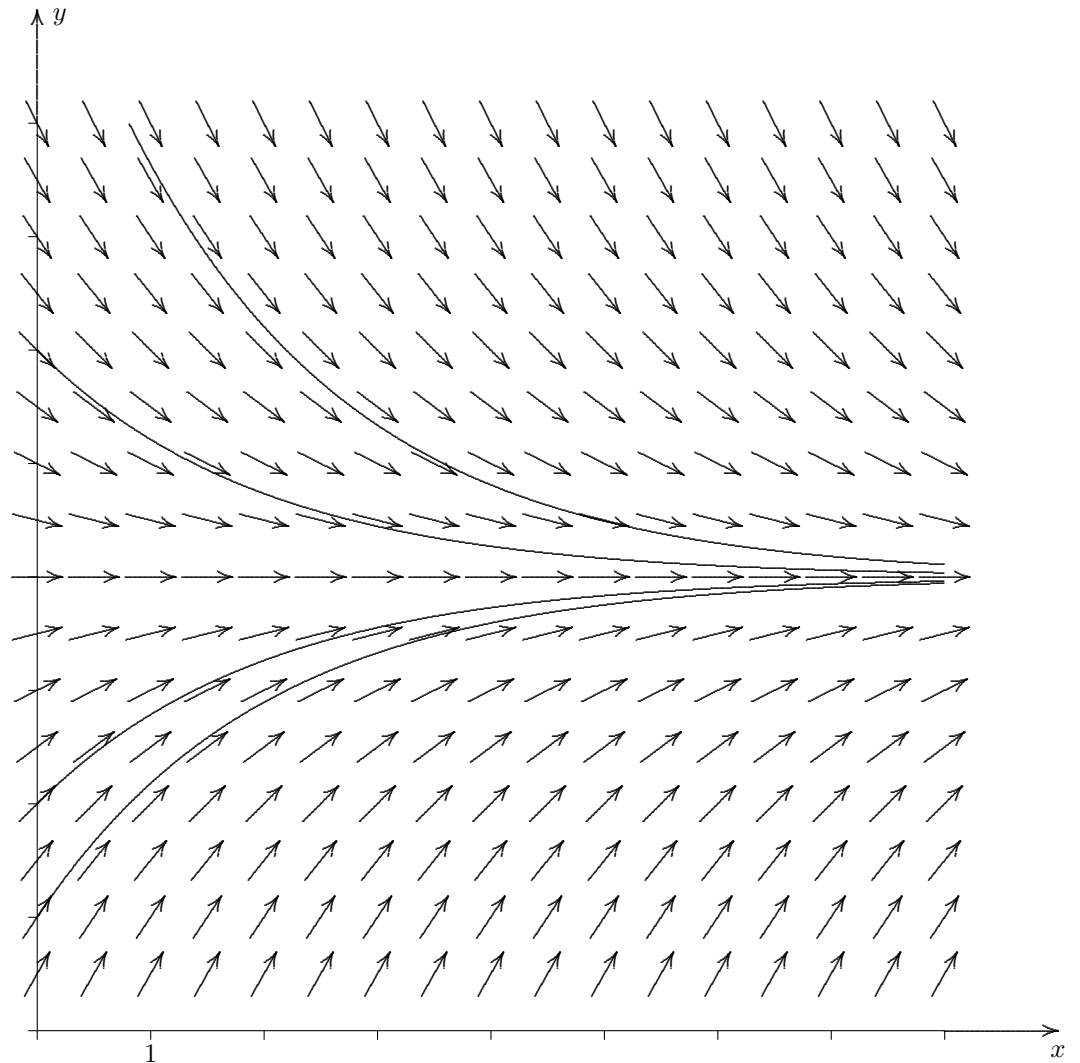
Richtungsfeld

$$f'(x) = \frac{1}{2}(4 - f(x))$$



Richtungsfeld

$$f'(x) = \frac{1}{2}(4 - f(x))$$



Ordne den Graphen die Funktionen zu.

$$f(x) = 4 + 6e^{-\frac{x}{2}}$$

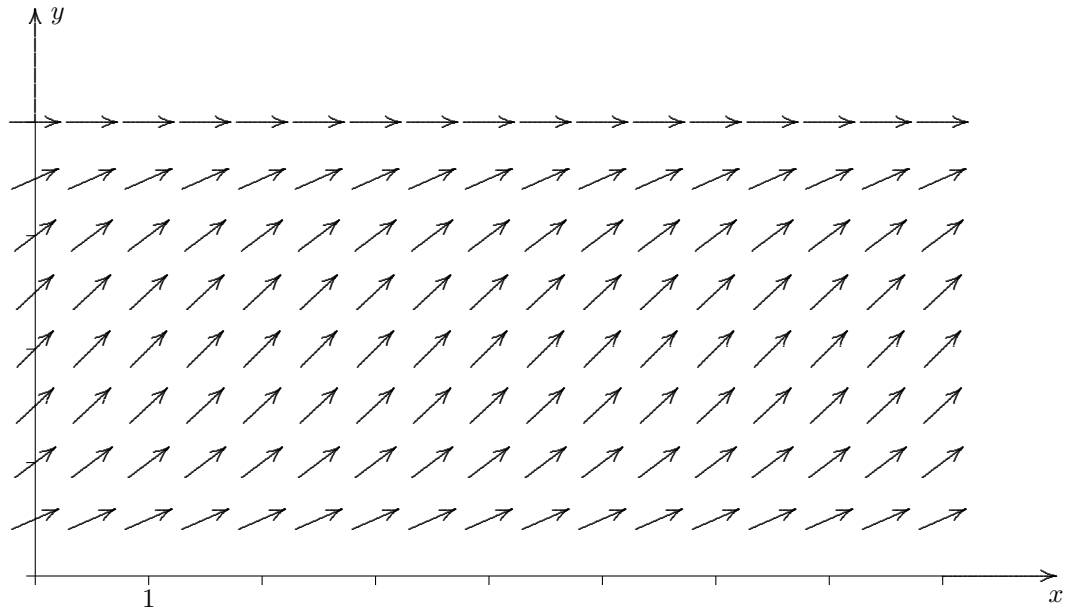
$$f(x) = 4 + 2e^{-\frac{x}{2}}$$

$$f(x) = 4 - 2e^{-\frac{x}{2}}$$

$$f(x) = 4 - 3e^{-\frac{x}{2}}$$

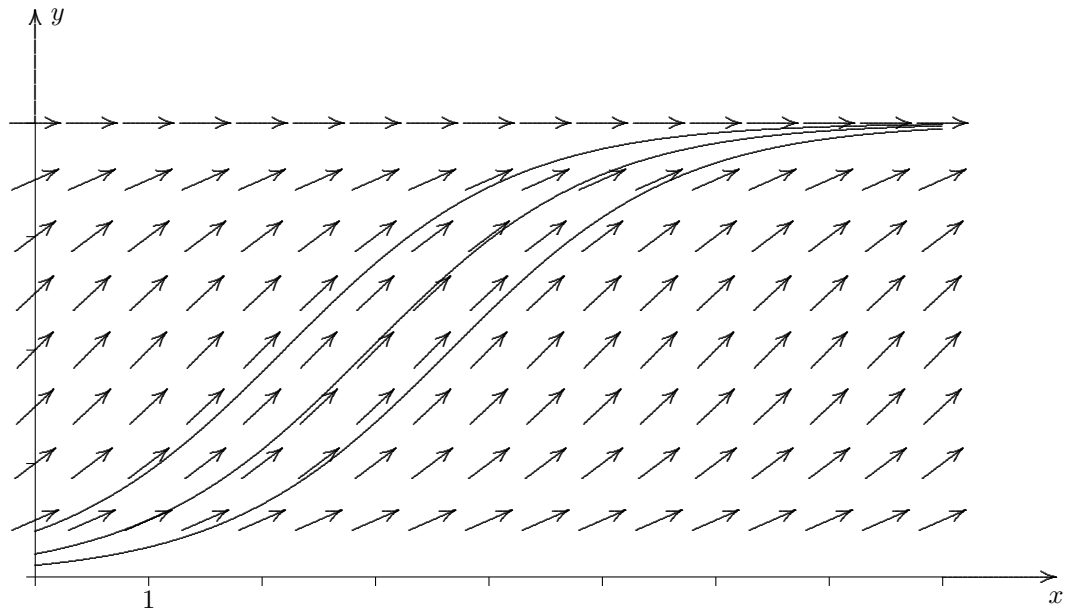
Richtungsfeld

$$f'(x) = \frac{1}{4} f(x) \cdot (4 - f(x))$$



Richtungsfeld

$$f'(x) = \frac{1}{2}f(x) \cdot (4 - f(x))$$



Ordne den Graphen die Funktionen zu.

$$f(x) = \frac{4}{1+39e^{-x}}$$

$$f(x) = \frac{4}{1+19e^{-x}}$$

$$f(x) = \frac{4}{1+9e^{-x}}$$