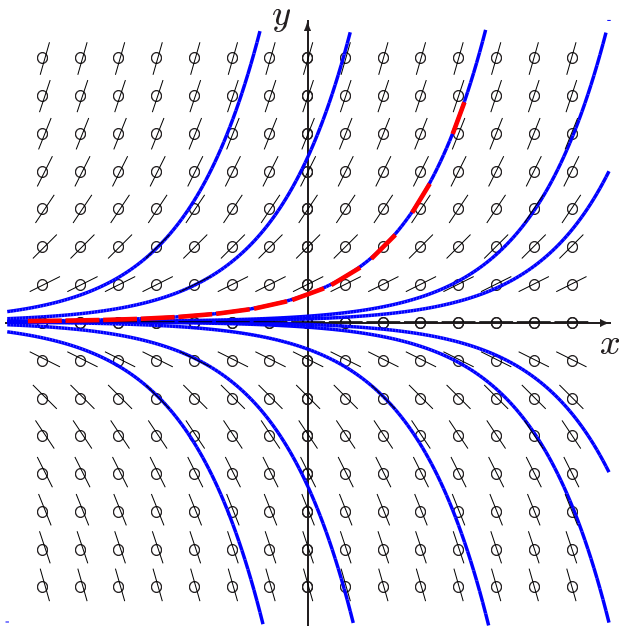
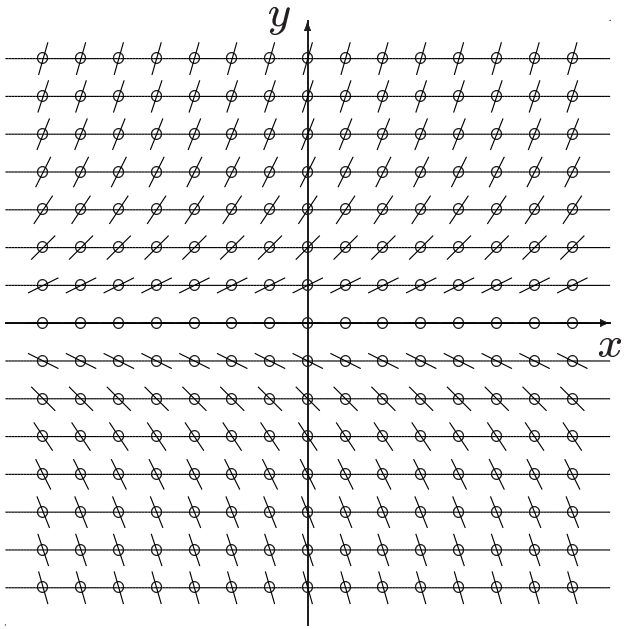
Richtungsfeld und Isoklinen

Differentialgleichung: $y' = y$

Lösung: $y = c\,e^x\,,\ c \in R$



Richtungsfeld

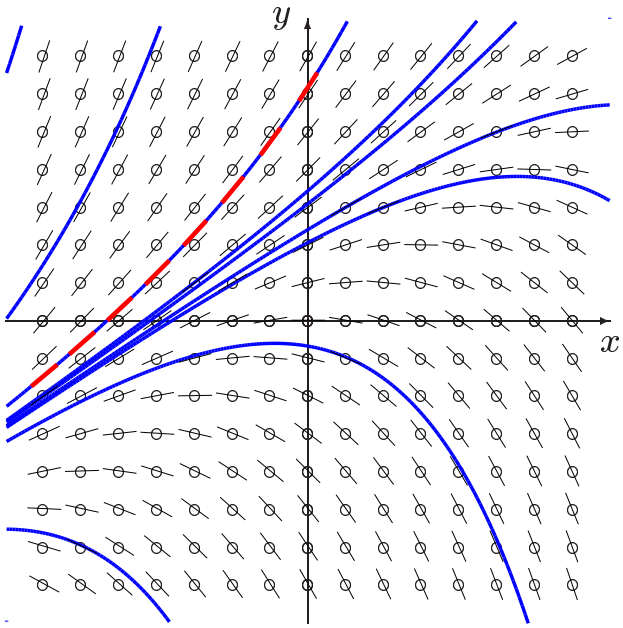


Isoklinen

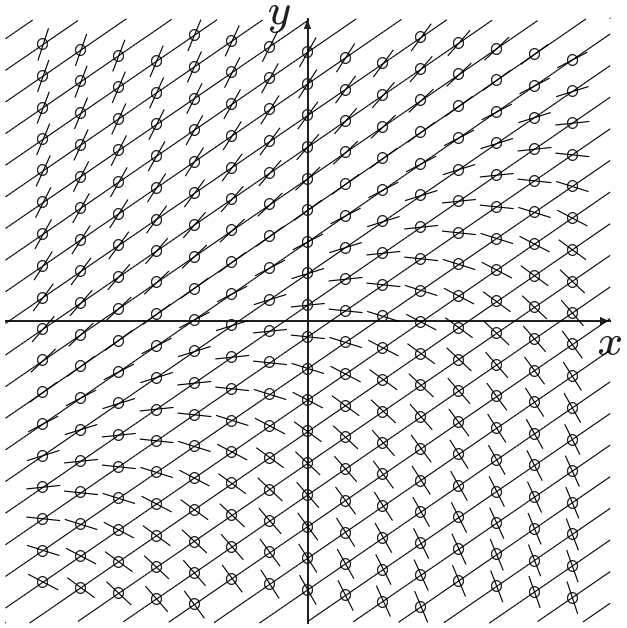
Richtungsfeld und Isoklinen

Differentialgleichung: $y' = \frac{1}{2}y - x$

Lösung: $y = c\,e^{x/2} + 2(2 + x)\,,\ c \in R$



Richtungsfeld



Isoklinen