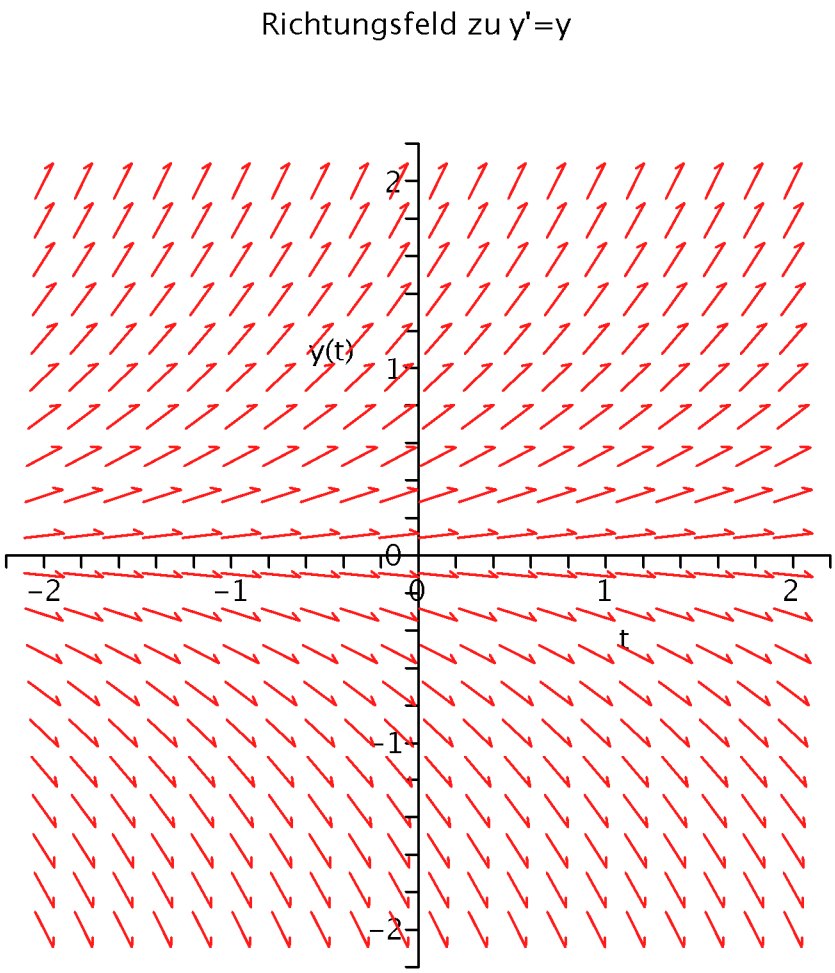
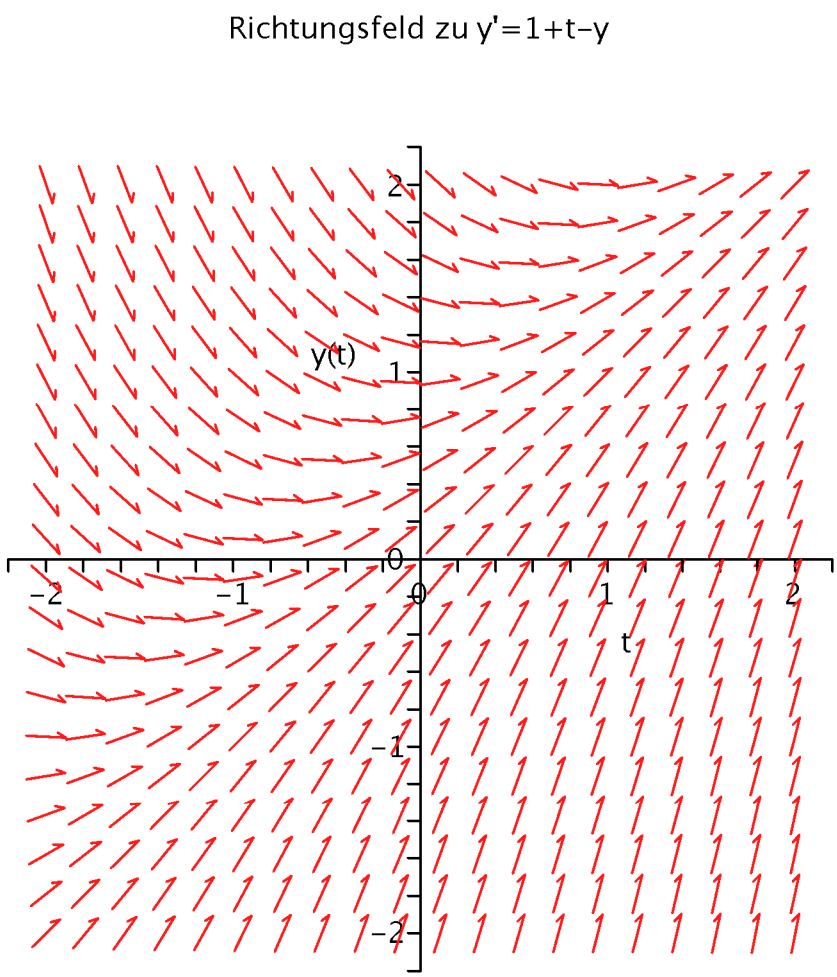
Darstellung einiger Richtungsfelder mit Maple

```
> with(DEtools):
> dfieldplot(diff(y(t),t)=y(t),y(t), t=-2..2,y=-2..2,title=`Richtungsfeld z
  y'=y`);
>
```

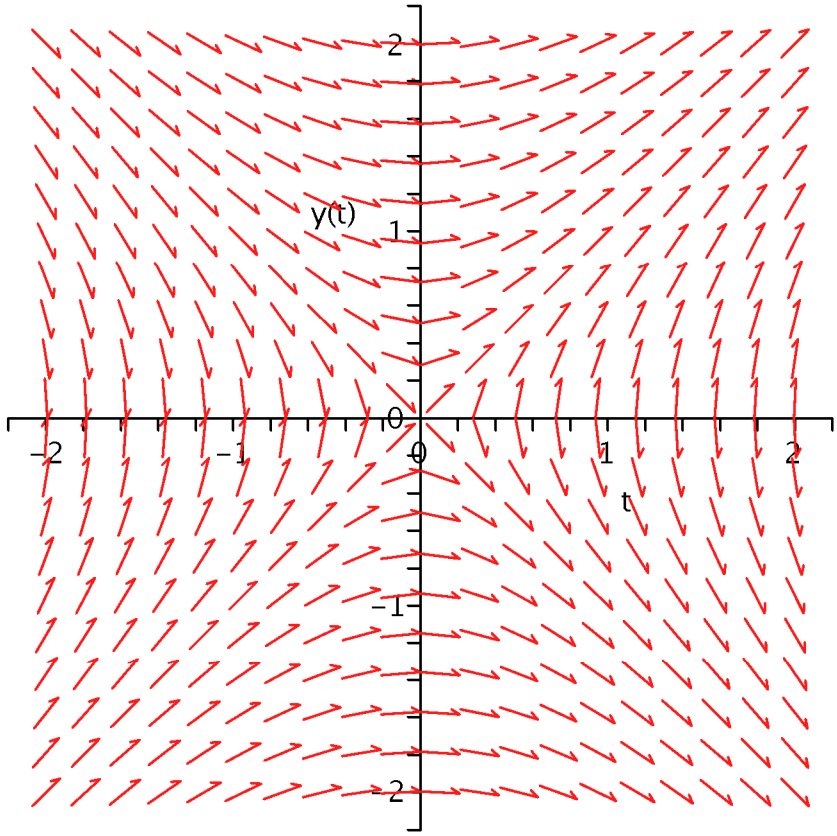



```
> dfieldplot(diff(y(t),t)=1+t-y(t),y(t),
  t=-2..2,y=-2..2,title=`Richtungsfeld zu y'=1+t-y`);
```



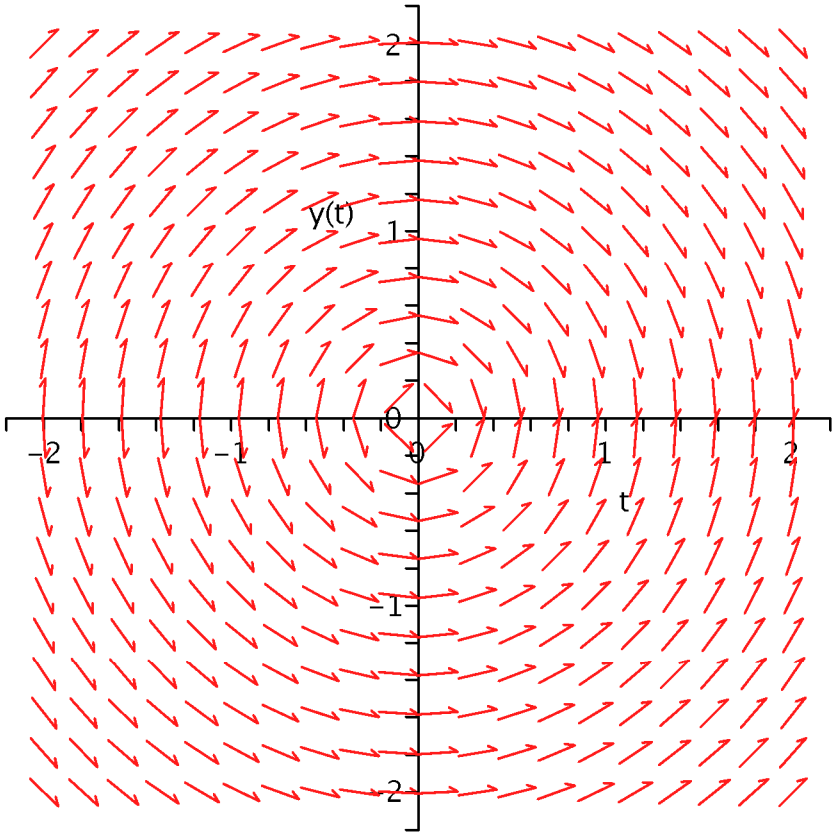

```
> dfieldplot(diff(y(t),t)=t/y(t),y(t), t=-2..2,y=-2..2,title=`Richtungsfeld
  zu y'=t/y`);
```

Richtungsfeld zu y'=t/y



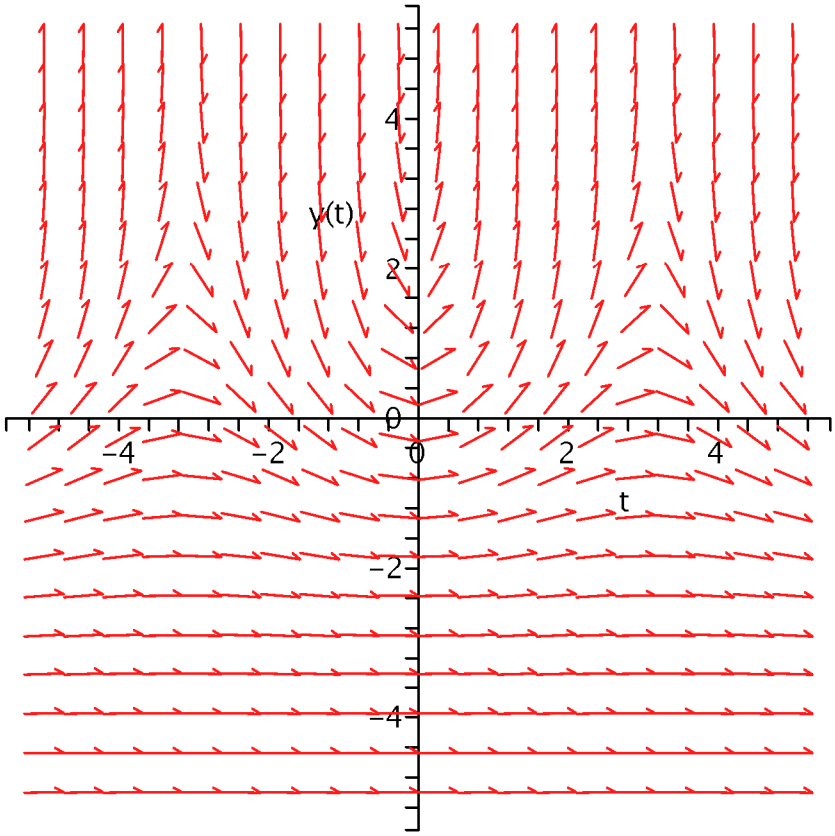

```
> dfieldplot(diff(y(t),t)=-t/y(t),y(t), t=-2..2,y=-2..2,title=`Richtungsfel
  zu y'=-t/y`);
```

Richtungsfeld zu y'=-t/y




```
> dfieldplot(diff(y(t),t)=exp(y(t))*sin(t),y(t),
  t=-5..5,y=-5..5,title=`Richtungsfeld zu y'=exp(y)cos(t)`);
```

Richtungsfeld zu y'=exp(y)cos(t)



>