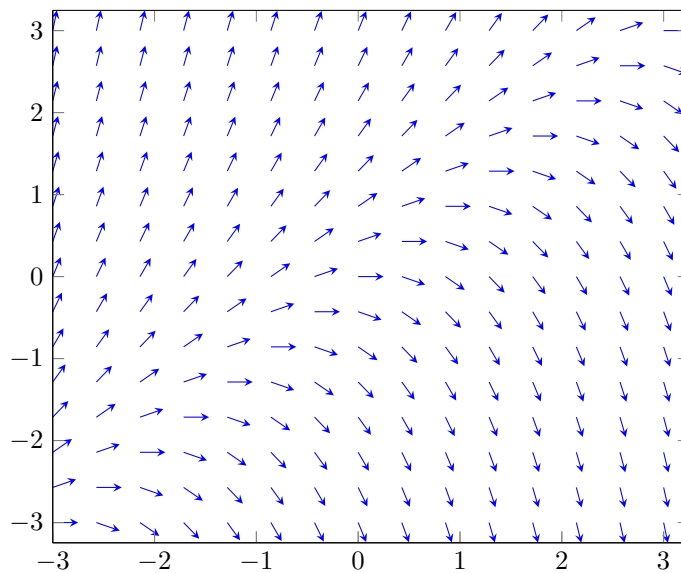


**Example 1:** Draw the slope field for  $y^2 + 2y = x^2$   
 (the differential equation is  $\frac{dy}{dx} = \frac{x}{y+1}$ ):



Note: arrow heads are normally not drawn. Software limitation.