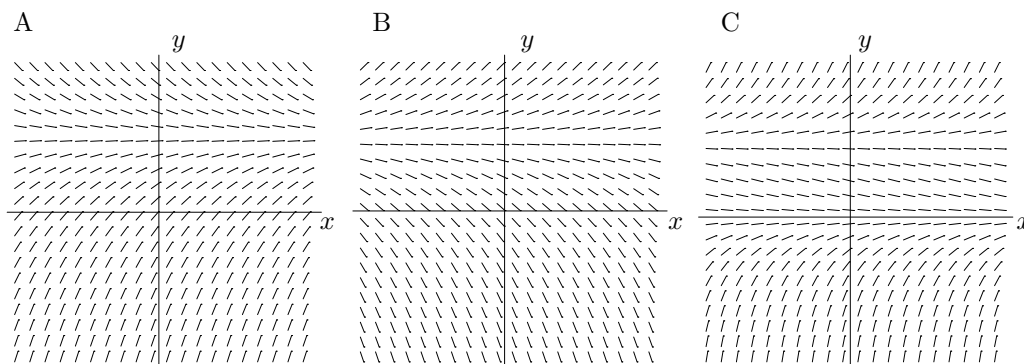


6. [8 points] Shown below are the slope fields for three differential equations, "A," "B," and "C." For each slope field, the axes intersect at the origin.



For each of the following functions, indicate which, if any, of the differential equations "A," "B," and "C" it could be the solution of. Note that any given function may be the solution to zero, one, or more than one of the differential equations. If a function is a solution to none of these differential equations, clearly write "None" as your answer.

(a) $y = 0$

(b) $y = 1$

(c) $y = 1 + ke^x$

(d) $y = 1 + ke^{-x}$