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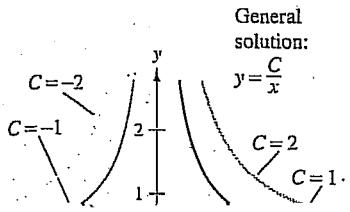
ANDOUT #1

Section 6 | Slope Field and Euler's Method



Geometrically, the general solution of a first-order differential equation represents a family of curves known as **solution curves,** one for each value assigned to the arbitrary constant. For instance, you can verify that every function of the form

$$y = \frac{C}{x}$$ General solution of $xy' + y = 0$

is a solution of the differential [illegible]