8. 曲线 
$$y = \frac{e^x}{x+1}$$
 在点 $\left(1, \frac{e}{2}\right)$ 处的切线方程为(

A. 
$$y = \frac{e}{4}x$$

B. 
$$y = \frac{e}{2}x$$

A. 
$$y = \frac{e}{4}x$$
 B.  $y = \frac{e}{2}x$  C.  $y = \frac{e}{4}x + \frac{e}{4}$ 

$$y = \frac{e}{2}x + \frac{3e}{4}$$