8. But the state of the state

f(0) = 1 $f'(A) = -\frac{1}{(A+X)^2} = \frac{2}{1} = 2$ $f''(A) = \frac{2}{(A+X)^2} = \frac{2}{1} = 2$ $f''(A) = \frac{2}{(A+X)^2} = \frac{2}{1} = 2$

 $4_{3,0}(\lambda) = 4(0) + 4$

z 1 - x + 2 - x

 $\sqrt{\frac{2}{2}}$

)- V_{01,0} (1) per Wh Who dh n:

1 - 7 + x 1 - x 7

 $\frac{1}{1+x} = \frac{1}{2}$

Hu 1 2

 $\sqrt{\frac{1}{2}} = \frac{1 - \frac{1}{2} + \frac{1}{4} - \frac{1}{8}}{\sqrt{\frac{1}{2}}} = \frac{\frac{1}{2} - \frac{1}{4} - \frac{1}{2}}{\sqrt{\frac{1}{2}}} = \frac{\frac{1}{2} - \frac{1}{4} - \frac{1}{4}}{\sqrt{\frac{1}{2}}} = \frac{\frac{1}{2} - \frac{1}{4}}{\sqrt$