MECH 6325 HWY

5) 
$$f_{(x/y)} = \begin{cases} 3(y-x+1), 0 \le y \le x < 1 \\ 0, 0 \le y \le x < 1 \end{cases}$$
 $f_{(x/y)} = \begin{cases} 3(y-x+1), 0 \le y \le x < 1 \\ 0, 0 \le y \le x < 1 \end{cases}$ 
 $f_{(x/y)} = \begin{cases} 3(y-x+1) dy = \begin{cases} 3(y-x+1) dy \\ 0 \end{cases}$ 
 $f_{(x/y)} = \begin{cases} 3(x-x+1) dx = 3(x-x+1) \\ 3(x-x+1) dx = 3(x-x+$ 

$$= 3(xy - x^{2} + x)^{1} = 3(y)$$

$$= 3(xy - x^{2} + x)^{1} = 3(y)$$