```
\begin{array}{l} \vec{y} \\ \vec{q}r \\ \vec{p}e\bar{n} \\ \vec{p}(x,y) \\ \vec{p}(x,y) \\ \vec{y} \\ \vec{y} \\ \vec{p}(x)p(y) \\ \vec{y} \\ \vec{y} \\ \vec{y} \\ \vec{y} \\ \vec{y} \\ \vec{p}(x)p(y) \\ \vec{p}(x)p(y) \\ \vec{p}(x)p(y) \\ \vec{y} \\ 

 p(x) = 0 

p(x|y) 

p(x,y) = 0

                                   p(y, x)
```

 ${\rm Here}$ we are inconsis- $\operatorname{tent}$ inour notation, because capitals usually is reserved for ran-

dom vari-