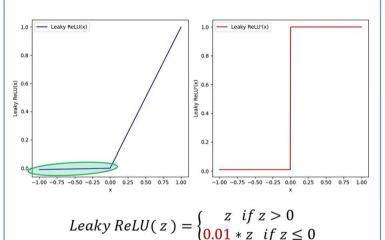


$$ReLU(z) = \begin{cases} z & \text{if } z > 0 \\ 0 & \text{if } z \le 0 \end{cases} \qquad ReLU'(z) = \begin{cases} 1 & \text{if } z > 0 \\ 0 & \text{if } z \le 0 \end{cases}$$
 (z=0处不可导,工程上约定赋值)



$$Leaky\ ReLU'(z) = \begin{cases} 1 & if\ z > 0 \\ 0.01 & if\ z \leq 0 \end{cases}$$
 (z=0处不可导,工程上约定赋值)