$$P(u_{1}) = \frac{3000}{3000+1000} = 0.6$$

$$P(u_{1}) = \frac{2000}{3000+1000} = 0.4$$

$$P(u_{1}|x) = \frac{P(x|u_{1}) \cdot P(u_{1})}{P(x)}$$

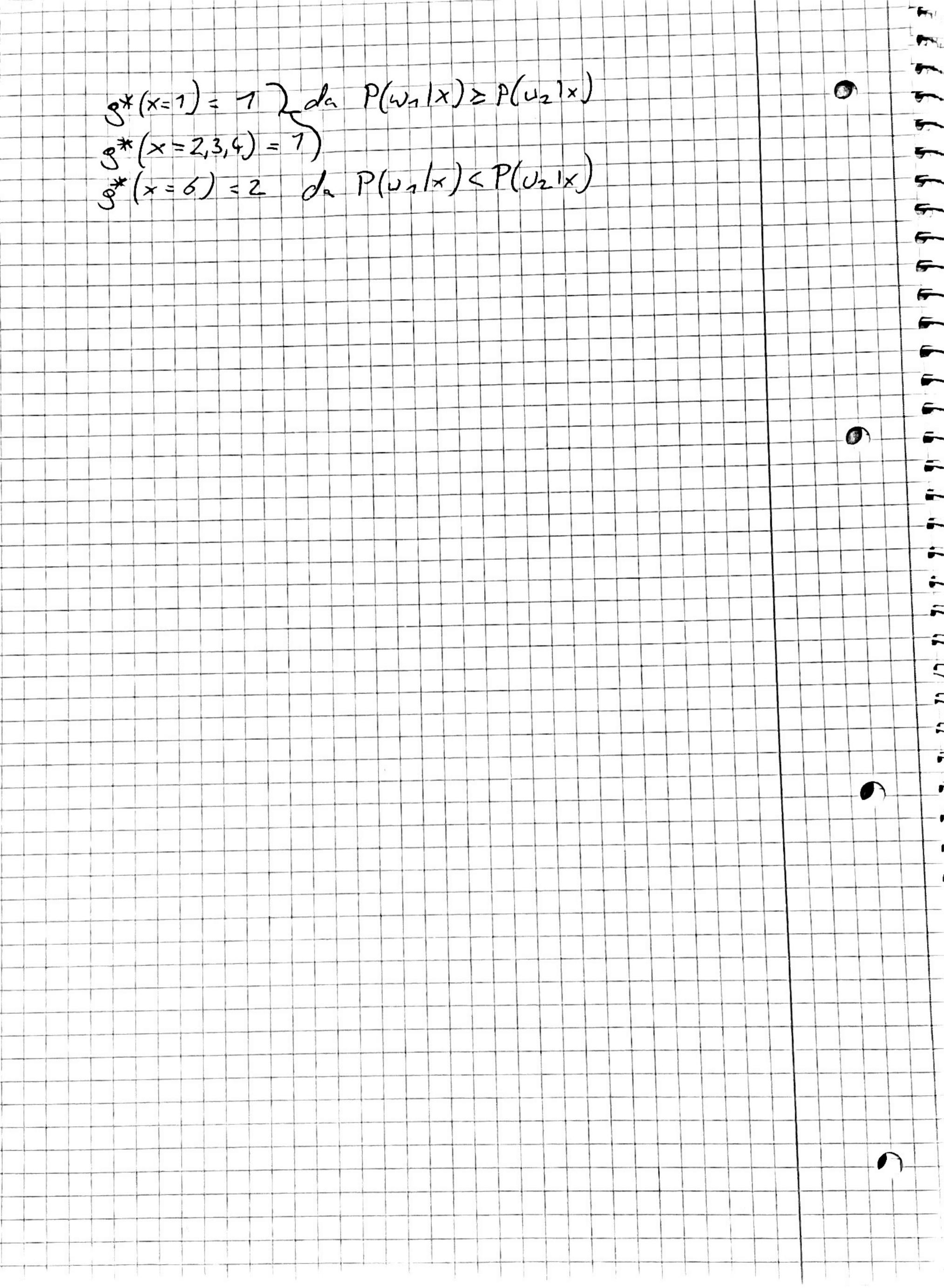
$$P(x) = \frac{P(x|u_{1}) \cdot P(u_{2})}{P(x)}$$

$$P(x) = \frac{P(x|u_{1}) \cdot P(u_{2})}{P(x)}$$

$$P(x) = \frac{P(x|u_{1}) \cdot P(u_{1}|x)}{P(x)} = \frac{P(x|u_{1}) \cdot P(u_{1}|x)}{P(u_{1}|x)}$$

$$P(x) = \frac{P(x|u_{1}) \cdot P(u_{1}|x)}{P(x|x)} = \frac{P(x|u_{1}) \cdot P(x|u_{1})}{P(x|x)}$$

$$P(x=7) = \frac{P(x|u_{1}) \cdot P(u_{1}|x)}{P(x|x)} = \frac{P(x|u_{1}) \cdot P(x|u_{1})}{P(x|x)} = \frac{P(x|u_{1}) \cdot P(x|u_{1})}{P(x|x)} = \frac{P(x|u_{1}) \cdot P(u_{1})}{P(x|x)} = \frac{P(x|u_{1}) \cdot P(u_{1}|x)}{P(x|x)} = \frac{P(x|u_{1}|x)}{P(x|x)} = \frac{P(x|u_{1}|x)}$$



P=(g)=P(g+w(x))=1-P(g=w(x)) =7-(P(4,11).P(1)+P(4,12,3,4)-P(2,3,45)-4+P(4,26)-P(6)) =7-(1.0,1+0,6.3-4+5-30)= = 1-(0,1 + 0,4 + 75) = 7-0,633 = 0,367 Fellerwahrschehllchkeit d. noiven Klassifikators P=(9)=1-(P(41/1)-P(1)+P(41/2,3,45)-P(2,3,45)-4+P(41/6)-P(6))= = 1-(1-0,1+0,6-7-43-0,4 +0,1)= 7 - 0,6 1 0