2025feb28part2

Friday, February 28, 2025 13:44

Sample exam question 13(b)

$P(D|W) = \frac{2}{3}$, $P(D|\neg W) = \frac{1}{3}$

$P(G|W) = \frac{2}{3}$, $P(G|\neg W) = \frac{1}{3}$

$P(W|L \wedge R) = \frac{2}{3}$

$P(W|L=0, S=1) = \frac{1}{3}$

$P(W|L=1, S=0) = \frac{1}{3}$

$P(W|D=0, G=1, L=1, S=0)$

$= \frac{P(W=1, D=0, G=1, L=1, S=0)}{P(W=0, \text{—}) + P(W=1, \text{—})}$