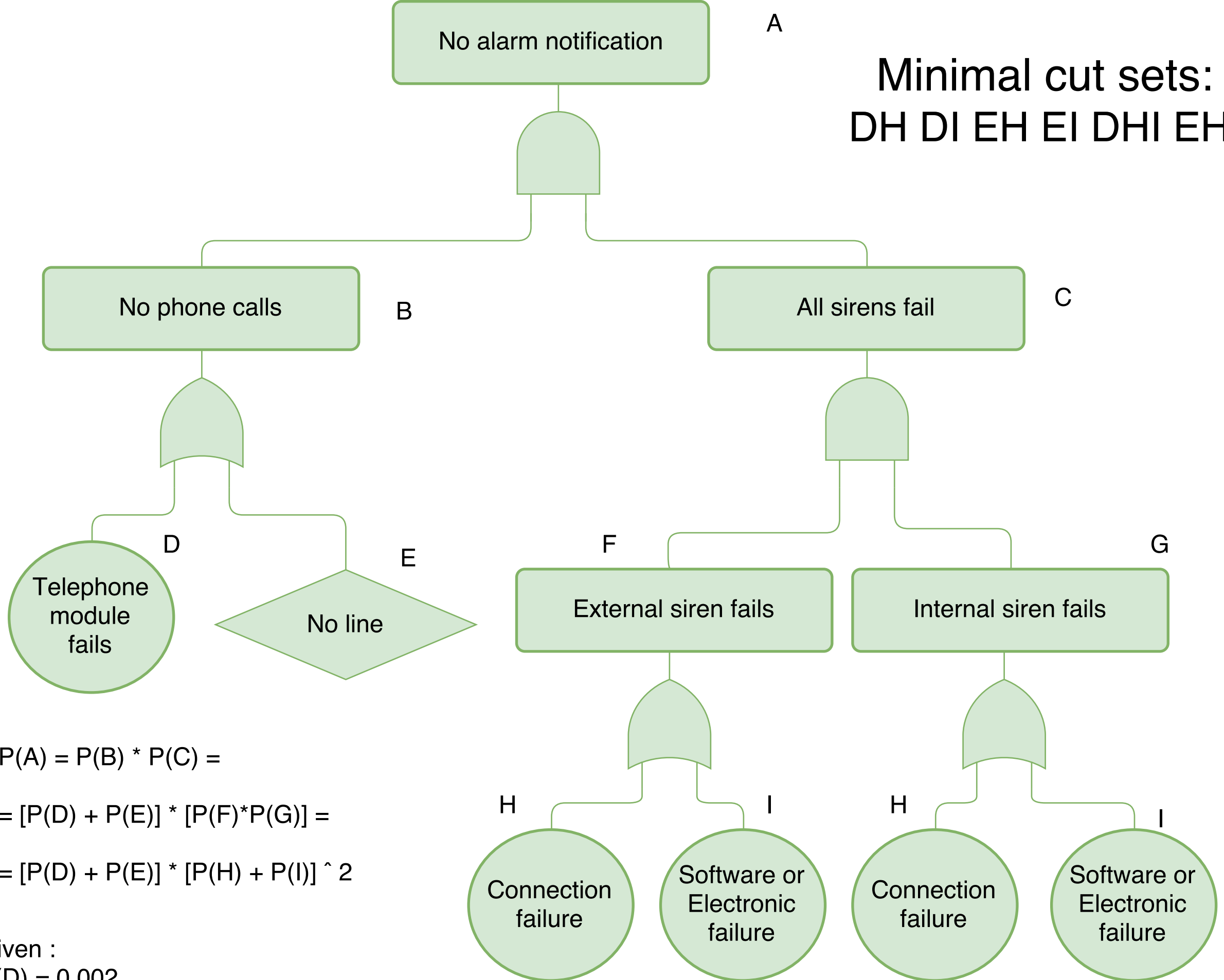


Minimal cut sets:
DH DI EH EI DHI EHI



$$\begin{aligned}
 P(A) &= P(B) * P(C) = \\
 &= [P(D) + P(E)] * [P(F)*P(G)] = \\
 &= [P(D) + P(E)] * [P(H) + P(I)]^2
 \end{aligned}$$

Given :

$$P(D) = 0.002$$

$$P(E) = 0.025$$

$$P(H) = 0.001$$

$$P(I) = 0.004$$

$$\longrightarrow P(A) = 0.000000675$$