$$Q(\text{ПЗ}) = 1 - \prod_{i=1}^{n}[1 - Q_i(\text{ПП})]$$

$$Q_i(\text{ПП}) = 1 - \{\prod_{i=1}^{m}[1 - Q(\text{ПТА}_j)]\} \cdot [1 - Q_i(\text{ПО})]$$

$$Q_i(\text{ПО}) = Q_i[\bigcup_{k=1}^{K}\bigcup_{n=1}^{N}(\text{ГС}_\text{k}\bigcap\cdot\text{ИЗ}_\text{n})]$$

$$Q_i(\text{ПО}) = 1 - \prod_{k=1}^{K}\prod_{n=1}^{N}[1 - Q_i(\text{ГС}_k) \cdot Q_i(\text{ИЗ}/\text{ГС}_k)]$$