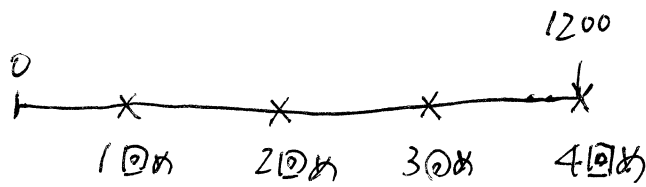


[問7]

①



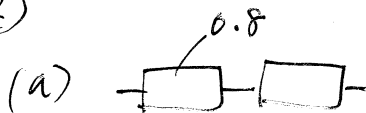
$$MTBF = \frac{1200}{4} = \underline{\underline{300}} \text{ ⑦}$$

136) 7

故障率 $\lambda = \frac{1}{MTBF} = 300^{-1} = 0.00333 \dots$
 $\doteq \underline{\underline{0.0033}} \text{ ⑧}$

137) 7

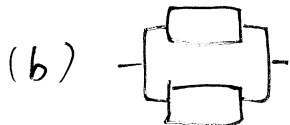
②



直列系 ①

$$0.8 \times 0.8 = \underline{\underline{0.64}} \text{ ②}$$

138) 7



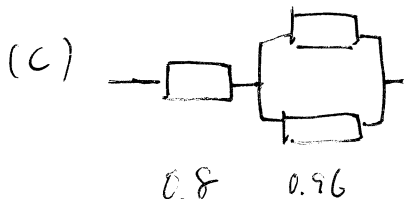
並列系 ①

$$1 - (1 - 0.8)(1 - 0.8) = 1 - 0.2^2$$

$$= \underline{\underline{0.96}} \text{ ③}$$

139) 1

140) 7



直並列系 ④

$$0.8 \times 0.96 = \underline{\underline{0.768}} \text{ ⑤}$$

141) 1

142) 7

143) 7