

Corrections for Questions

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Ch2. Symbolic AI Systems

Q82: implies truth table is,

p	q	r
0	0	1
0	1	1
1	0	0
1	1	1

Q84: typing mistake at fifth item, \wedge shall be \vee :

$r1 : [p \vee q \rightarrow z]$ gives $1 \vee 1 \rightarrow z = \text{True}$.

Ch2. Uncertainty

Q20: $x^T = \{1, 2, 3\}$, $x_{mean} = 2$, $x - x_{mean} = \{-1, 0, 1\}$, therefore $E(1 + 0 + -1) = 0$. Result is correct but numbers related to x vector are mistaken.

Q39: In the karno map PQRS=0110 and PQRS=1110 shall not be filled '1'. Answer is still correct. If there were these two observations available in data set, the answer is still correct.

Q41: In the table, $B = 1, Y = 0$ entry shall be $FN = 5$; $B = 0, Y = 0$ entry shall be $TN = 1$; $q_b = TN/N = 1/6$.

Q30 It is bounded to -1 and 1. (not 0)

Q32: $\max(0.7, 0.6)$ is 0.7, not 0.6.