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Question: A) Convert 387.625 to IEEE 32-bit floating point format. b) Con...

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a) Convert 387.625 to IEEE 32-bit floating point format.
 b) Convert the following IEEE 32 bit into decimal.
 Sign bit exponent significant
 1 10001110 001100000000000000000000

Expert Answer




Anonymous answered this
823 answers

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a. IEEE 32-bit representation of 387.625000 is : 0 | 10000111 | 100000111010000000000000

b. The float value of the given IEEE 32-bit representation is : -38912.000000

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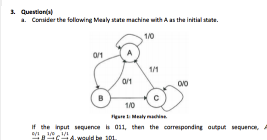
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Convert -122 to 8-bit sign magnitude, 1's complement and 2's complement

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3. Question(s) a. Consider the following Mealy state machine with A as the



[See answer](#)

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