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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 00110000000000000000000

Expert Answer ⓘ

Anonymous answered this
823 answers

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a. IEEE 32-bit representation of 387.625000 is : 0 | 10000111 | 10000011101000000000000

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

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Up next for you in Computer Science

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

See answer

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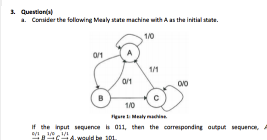
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