**FLOATING POINT ADDER THEORY**

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Figure : General Representation



Figure : Normal nonzero number

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**OPERATION CONDITIONS**

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**PHASES OF THE ALGORITHM FOR FLOATING POINT ADDER**

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**ROUNDING**

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**INFINITY, NaNs, and SUBNORMAL NUMBERS**

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**THE ALGORITHM**

A diagram of a flowchart

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A diagram of a graph

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