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MEMORY DEVICES AND APPLICATIONS FOR IN MEMORY COMPUTING NATURE

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IN MEMORY COMPUTING WITH EMERGING MEMORY DEVICES STATUS AND

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HERE WE REVIEW THE DEVELOPMENT OF IN MEMORY COMPUTING USING RESISTIVE SWITCHING DEVICES WHERE THE TWO TERMINAL STRUCTURE OF THE DEVICES THEIR RESISTIVE SWITCHING PROPERTIES AND DIRECT DATA

A FULL SPECTRUM OF COMPUTING IN MEMORY TECHNOLOGIES NATURE

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IN THIS ARTICLE WE REVIEW THE EMERGING NONVOLATILE MEMORY DEVICES SUCH AS RESISTANCE BASED AND CHARGE BASED MEMORY DEVICES THAT ARE EXPLORED FOR IN MEMORY COMPUTING APPLICATIONS WE WILL PROVIDE AN OVERVIEW OF THE MATERIALS MECHANISMS AND INTEGRATION OF THESE DEVICES AND DISCUSS THE OPTIMIZATIONS AT THE DEVICE AND ARRAY LEVELS THAT ARE

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