

Application Specific Fuzzy Switching

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ABSTRACT

Application Specific Integrated Circuits (ASIC) has gained dominance in the recent technological developments which is even used to design switching logic for particular application. On the other hand fuzzy logic is a tool which introduces fuzziness to derive the best possible solution to a problem. This paper deals with the integration of fuzzy logic and ASIC leading to the development of an Application Specific Fuzzy Switching (ASFS) for optimal switching for induction motor control in A.C. drives.