

IMPLEMENTASI PENYEDERHANAAN FUNGSI BOOLE DENGAN METODE QUINE McCLUSKEY

Title	IMPLEMENTASI PENYEDERHANAAN FUNGSI BOOLE DENGAN METODE QUINE McCLUSKEY
Author Order	2 of 3
Accreditation	4
Abstract	Quine McCluskey method is one method that can be used to simplify the Boolean function. The Quine McCluskey method has several advantages including having simpler, more systematic steps than other methods and it is easier to simplify the Boolean function with a large number of variables. This study discusses the design of a Boolean function simplification program for the Quine McCluskey method using Visual Basic 6.0. The resulting program can simplify the Boolean function with many variables less than equal to 26 variables and able to simplify the Boolean function in the form of Sum of Product (SOP), Product of Sum (POS), and don't care.
Publisher Name	Jurusan Matematika FMIPA Universitas Jenderal Soedirman
Publish Date	2021-12-07
Publish Year	2021
Doi	DOI: 10.20884/1.jmp.2021.13.2.4873
Citation	
Source	Jurnal Ilmiah Matematika dan Pendidikan Matematika
Source Issue	Vol 13 No 2 (2021): Jurnal Ilmiah Matematika dan Pendidikan Matematika
Source Page	27-44
Url	http://jos.unsoed.ac.id/index.php/jmp/article/view/4873/2670
Author	SITI RAHMAH NURSHIAMI, S.Si, M.Si