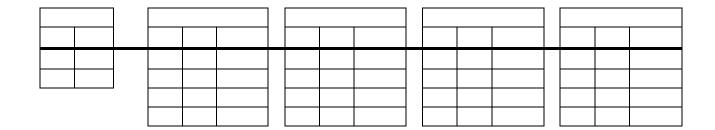
## APPENDIX A

## DEFINING TRUTH TABLES FOR THE FIVE LOGICAL OPERATORS



APPENDIX C

## TRUTH TREE DECOMPOSTION RULES

			•			

## RULES OF INFERENCE AND REPLACEMENT

1.	2.	3.
4.	5.	6.
7.	8.	9.
7.	0.	9.
The following sets of logically equ	uivalent expressions can replace	each other whenever they occur:
10.		
10.		
11.		
12.		
12		
13.		
14.		
15		1
15.		
16.		
17.		
18.		
19.		