Notational Note

Symbol	Meaning
$\leq$	less than or equal to
$<$	strictly less than
$>$	strictly greater than
$\nleq$	is not less than or equal to
$\geq$	greater than or equal to
$\varnothing$	empty set
$\vee$	join
$\wedge$	meet
$\cup$	union
$\cap$	intersection
$\forall$	for every
$\exists$	there exist
$\in$	is a member of
$\notin$	is not a member of
$\subseteq$	is subset of
$\subset$	is proper subset of
Σ	summation
Z^+	the set of all positive integers
$\S$	article number

IMPORTANT

1) It is to note that, the operations viz., ":" (residuation) & ". " (multiplication) are to be performed first, whenever brackets are not introduced & then the operation viz., " ∨" (join) and "∧" (meet) will be performed.

Also whenever residuation and multiplication operations comes together, multiplication is to be performed first and then residuation to be performed.

2) The encircled numbers (1, 2, etc.)in the proof of a certain result plays an important role in that result only & have no connection with other results.

3) The no. within the square brackets is to indicate the no. of the reference. These references in the list are listed alphabetically.