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
$\emptyset$	empty set
$\vee$	join
$\wedge$	meet
$\cup$	union
$\cap$	intersection
$\forall$	for every
$\exists$	there exist
$\nexists$	there does not 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
$\cong$	lattice isomorphism

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.

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.