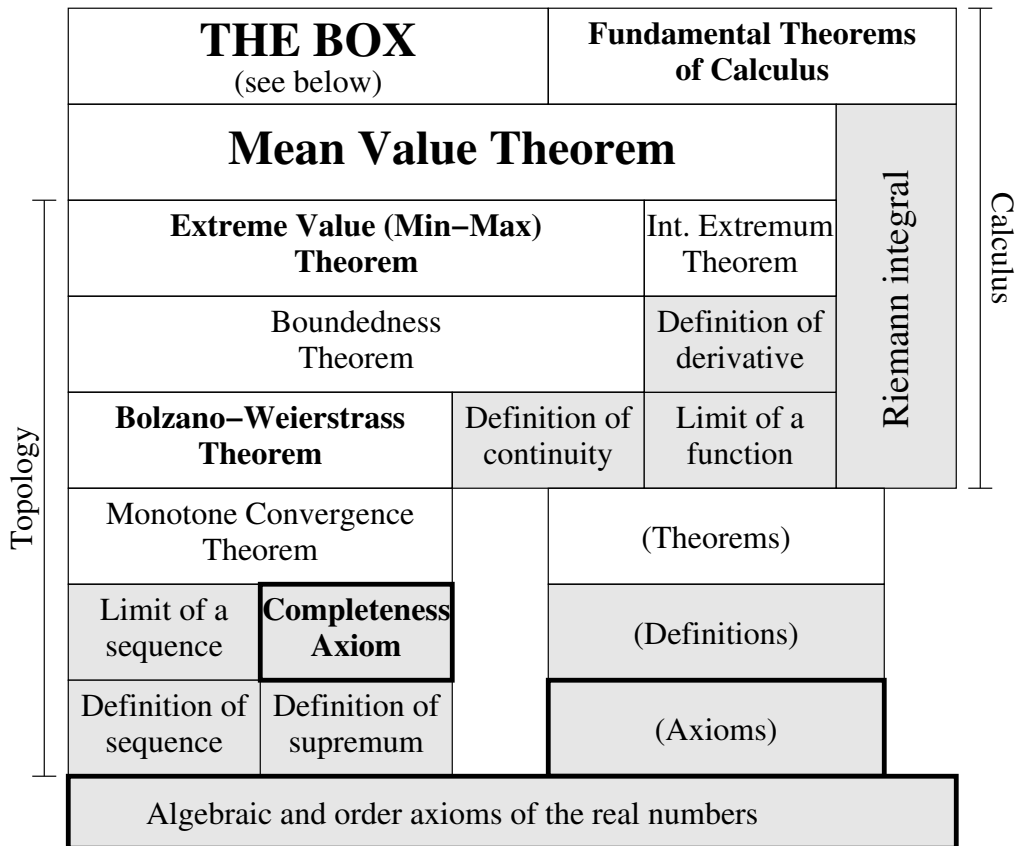


An overview of Math 131A

The picture below shows the logical structure of the main axioms, definitions, and theorems in Math 131A. Theorems are in unshaded boxes, definitions are in shaded lighter boxes, and axioms are in shaded heavier boxes. More important results are in boldface or larger type.



THE BOX

We will prove the following summary of Calculus I towards the end of Math 131A, as a consequence of the Mean Value Theorem.

f	\nearrow	\searrow	\cup	\cap
f'	+	-	\nearrow	\searrow
		f''	+	-