MONOTONE CLASS THEOREM

Why

TODO

Result

PROPOSITION **1.** *The sigma algebra generated by an algebra of sets is the same as the monotone class generated by the algebra.*

Proof. TODO □

Monotone Class Theorem

Generated Monotone Class

Monotone Classes

Sequences

Function Composites   Direct Products   Set Operations

Natural Families   Natural Order   Algebras

Subset Systems   Families   Operations   Natural Numbers   Set Symmetric Differences

Power Set   Functions   Set Intersections   Set Unions

Relations   Set Complements

Ordered Pairs

Unordered Pairs

Set Specification

Set Inclusion

Empty Set

Set Equality

Standardized Accounts

Identity   Accounts

Quantified Statements   Deductions

Logical Statements

Statements

Sets   Identities

Objects