$$\diamondsuit$$

Generated Monotone Class

1 Why

2 Definition

The *generated moonotone class* for a set of subsets is the smallest monotone class containing the set of subsets. We must prove the existence and uniqueness of this monotone class

Proposition 1. *The intersection of a non-empty set of monotone classes on the same base set is a monotone class.*

Proof. TODO $\qquad\square$

2.1 Notation

TODO