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Ring of closed manifolds upto cobordism

Definition. Ring of closed manifolds upto cobordism

Let

$$(\text{CManBord}, \coprod, \times)$$

be the ani-commutative ring $\text{CManBord} := \bigoplus_n \text{CManBord}_n$ where

$$\text{CManBord}_n$$

is the set of all **closed n -manifolds upto cobordism** with $\coprod, \times$ being **disjoint union** and smooth **product** of manifolds.

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