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27. Tensor Products

$RN) = X$ the Quotient, And $Q: M \rightarrow RN$ the Quotient Map. Let $B: M \rightarrow N$ be the 0-map. A De Ning Property Of The Tensor Product Is That There Is A Unique R -linear $\beta: M \rightarrow RN \otimes Q$ Making The Usual Diagram Commute, That Is, Such That $B = \beta \circ \alpha$, Where $\alpha: M \rightarrow N$. Both The

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