Coconuts

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1.2 (Co)module?

The main reference for this subsection is [MM65]

Definition 1.3 ((co)tensor product of (co)modules). *Let A be a K-algebra, if M is a right A-module and N is a left A-module, then the tensor product $M \ _A N$ is defined to be the cokernel of the map $_M \ N \ M \ _N$ in C, i.e. the following is an exact sequence:*