



Math for the people, by the people.

plateau

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A *plateau* of a function is a region where a function has constant value.

More formally, let U and V be topological spaces. A plateau for a scalar function $f : U \rightarrow V$ is a path-connected set of points $P \subseteq U$ such that for some y we have

$$\forall p \in P, f(p) = y \tag{1}$$

Please take note that this entry is not authoritative. If you know of a more standard definition of “plateau”, please contribute it, thank you.