Fodor's lemma

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Defines	Fodor's lemma

If κ is a regular, uncountable cardinal, S is a stationary subset of κ, and $f : \kappa \to \kappa$ is regressive on S (that is, $f(\alpha) < \alpha$ for any $\alpha \in S$) then there is some γ and some stationary $S_0 \subseteq S$ such that $f(\alpha) = \gamma$ for any $\alpha \in S_0$.