Intermediate Value Theorem Project

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0.1 Definitions

Theorem 1 (Sequence)**.** *A sequence is a function $s : \mathbb{N} \to X$ for some set X.*

Theorem 2 (Smale 1958)**.** *There is a homotopy of immersions of $\mathbb{S}^2$ into $\mathbb{R}^3$ from the inclusion map to the antipodal map $a : q \mapsto -q$.*

Proof. This obviously follows from what we did so far. □