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Moore space

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Defines	Jones' theorem

A regular developable topological space  $X$  with a nested development  $\{F_i\}$  is called a *Moore space*, named after topologist R. L. Moore.

Moore spaces form a fertile bridge between point-set topology, metrization theory, and Zermelo-Fraenkel set theory.

For example, *Jones' Theorem* states that if  $2^{\aleph_0} < 2^{\aleph_1}$ , then every separable normal Moore space is metrizable.

## References

- [1] Steen, Lynn Arthur and Seebach, J. Arthur, *Counterexamples in Topology*, Dover Books, 1995.