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Walks and chain conditions of higher order

We conceive this talk as a sequel to our 2016 SETTOP talk. In that talk, we described higher-order principles of nontrivial coherence generalizing those associated to Todorćević's method of (two-dimensional) walks on ordinals. These derived from homological arguments which seemed to herald the ZFC existence of $(n + 1)$ -dimensional walks on the ordinals of ω_n . In this talk, we describe those walks. Time permitting, we'll describe as well a higher-order chain condition satisfied by generic approaches to higher nontrivial coherence.