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Combinatorial R-trees as generalized Cayley graphs for fundamental groups of one-dimensional spaces

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(Submitted on 7 Jul 2011)

In their study of fundamental groups of one-dimensional path-connected compact metric spaces, Cannon and Conner have asked: Is there a tree-like object that might be considered the topological Cayley graph? We answer this question in the positive and provide a combinatorial description of such an object.

Comments:	25 pages, 3 figures
Subjects:	**Geometric Topology (math.GT)**
MSC classes:	20F65 (Primary), 20E08, 55Q52, 57M05, 55Q07 (Secondary)
Cite as:	**arXiv:1107.1480 [math.GT]**
	(or **arXiv:1107.1480v1 [math.GT]** for this version)

Submission history

From: Hanspeter Fischer [view email]

[v1] Thu, 7 Jul 2011 18:37:14 GMT (754kb,D)

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