ALTERNATING-ORIENTED BISECTED LAYOUTS

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1 OVERVIEW

Layouts are a general and universal design tool and in this paper a layout data structure will be described. It will be proposed that alternating-oriented bisected layouts can be thought of as a "specialized theory" of layouts applicable to logic. In this paper, layouts are constrained by the XOO-schema by bisecting divisions of a layout in alternating orientations.

There has been some interesting research in layouts over the years but with a little bit of insight it extends into many areas of computer science. One of the interesting properties of the XOO-schema is that interesting geometries and relationships appear.
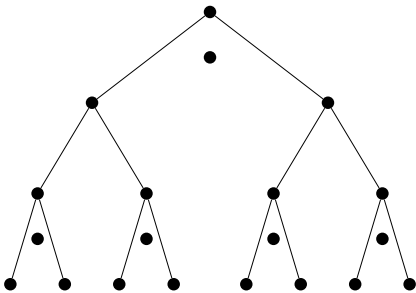

Figure 1: 4-Dimensional Dense Layout

Figure 2: Binary Hypertree

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