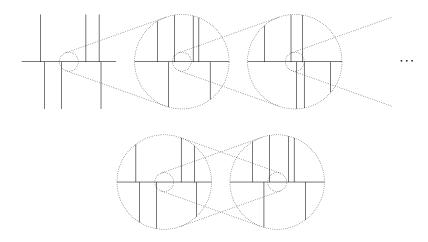
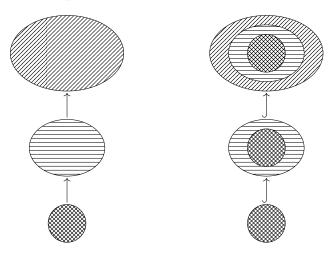
Tikz Figures

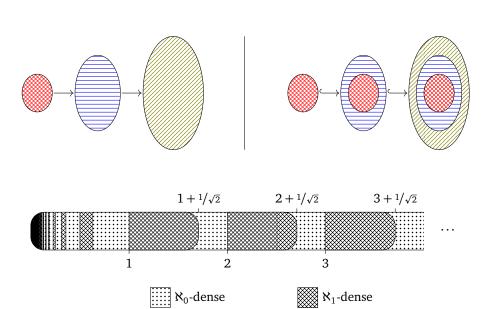
Sam Adam-Day 8th June 2022

Magnifying an \mathbb{R} -tree



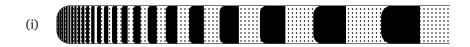
Crosshatch shapes





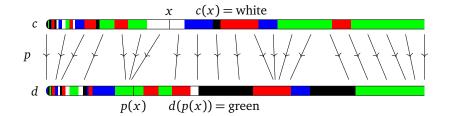


 $A = \{1, 0, 0, 1, 0, 0, 1, 1, 1, \ldots\}$

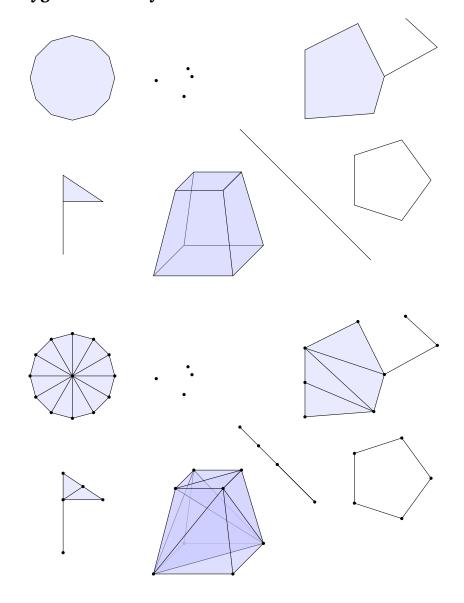


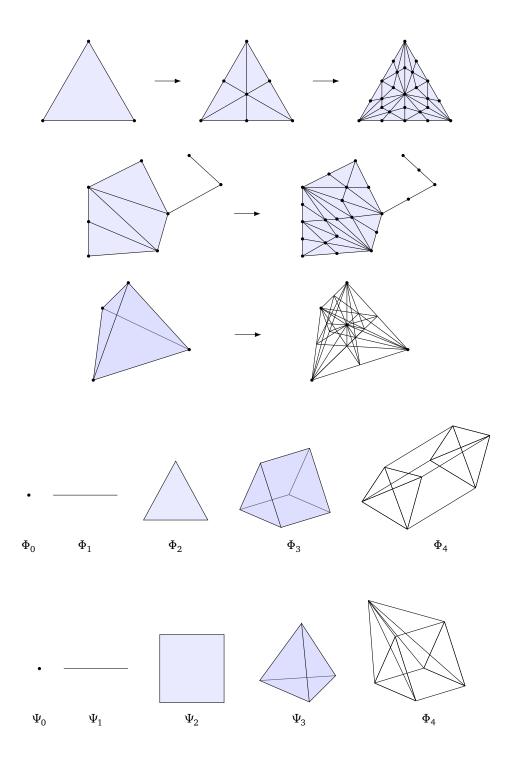


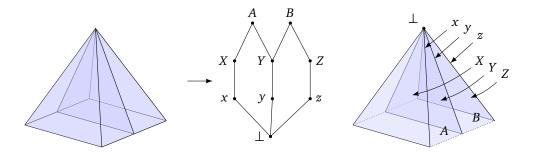




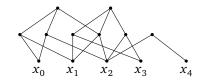
Polygons and Polyhedra

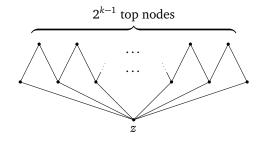


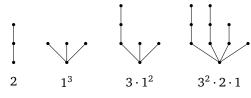


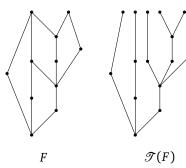


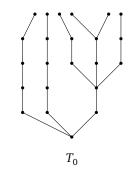
Graphs

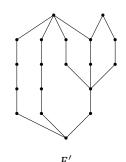


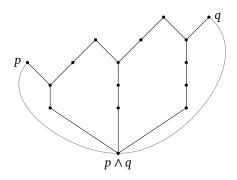


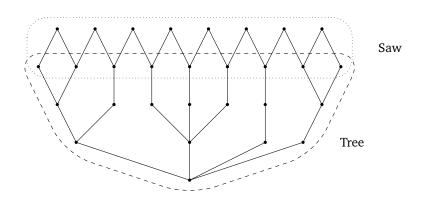


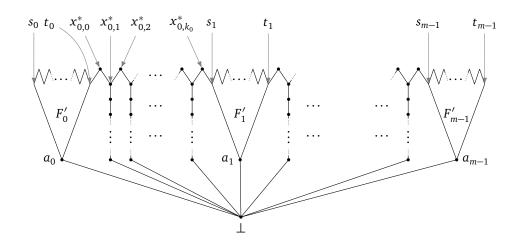


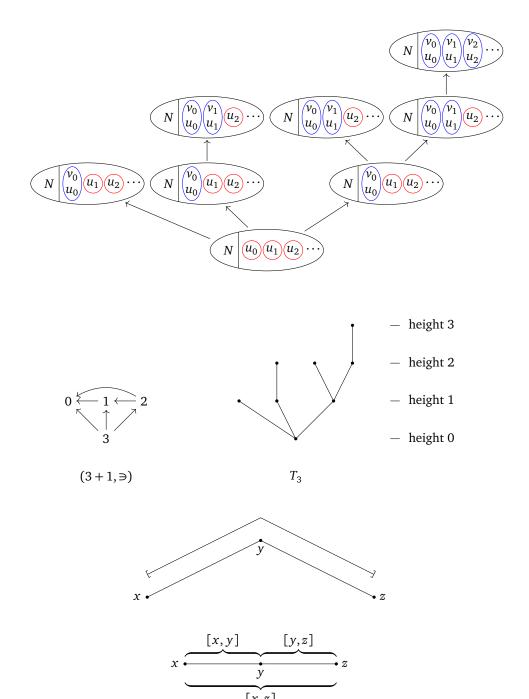


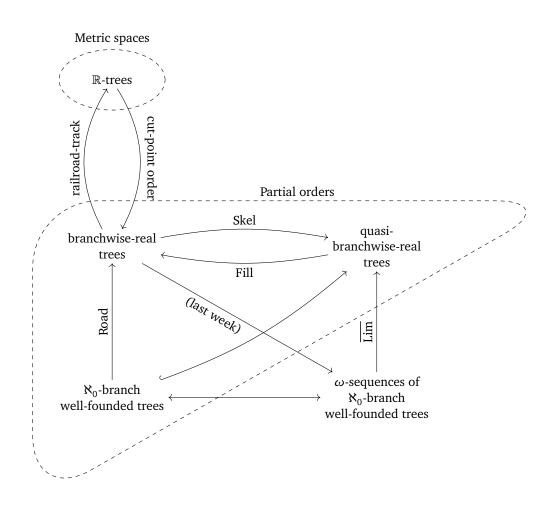


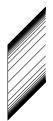


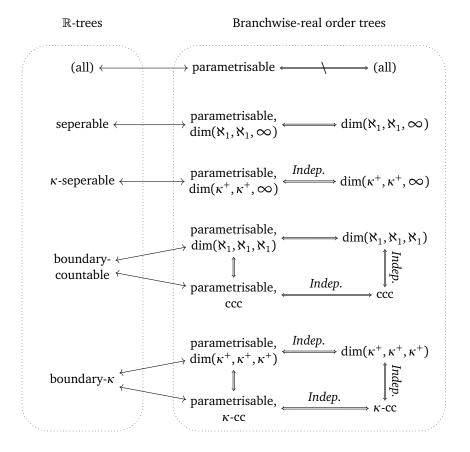




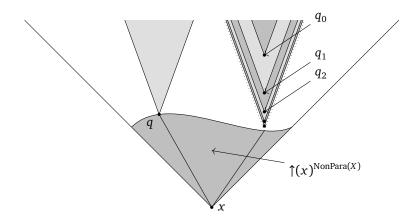


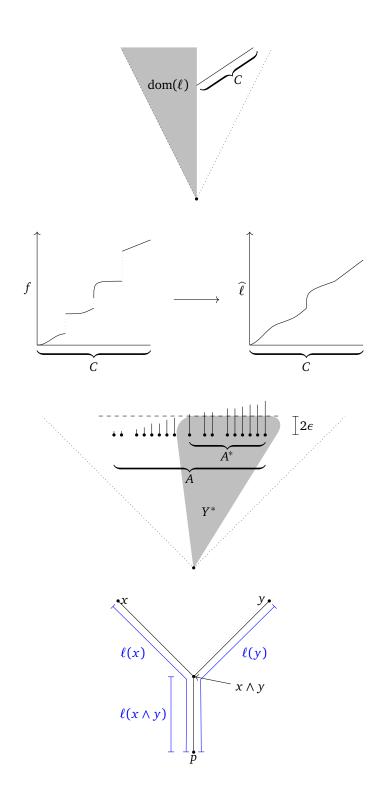


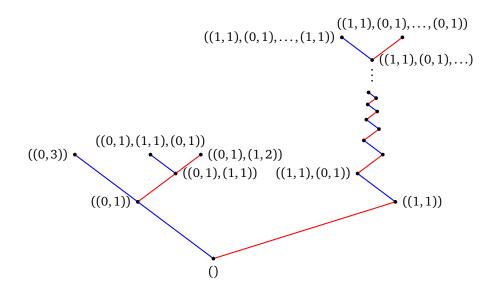


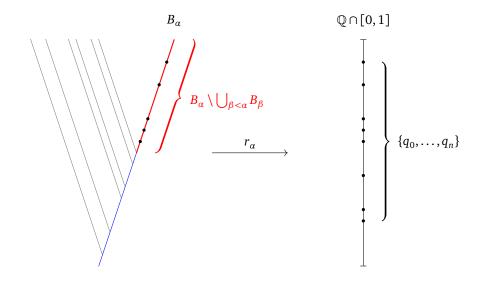


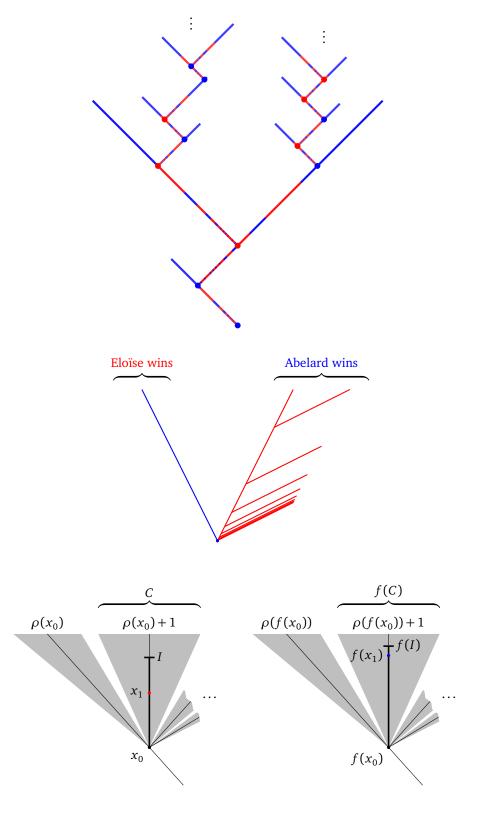
Trees

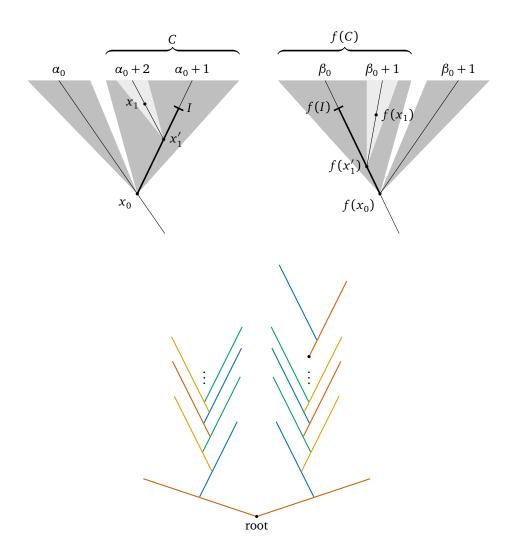


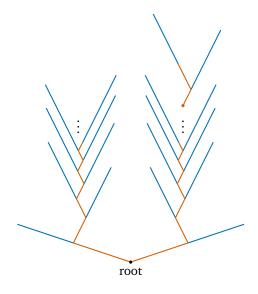




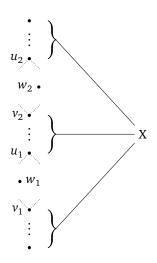




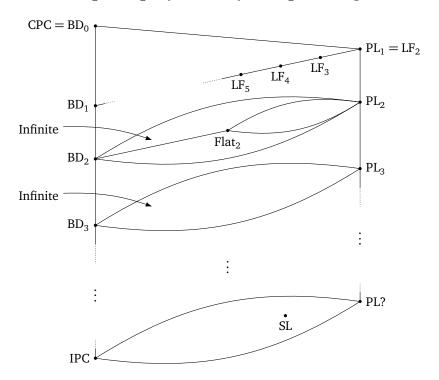




Gaps in a poset



The landscape of polyhedrally-complete logics



Index

3dplot, 3 overlapping shading, 3 4D, 4 array, 2 comparing values, 2 listofitems, 12 two-dimensional, 2, 10 arrows bar, 10 bracket, 7 double, 9 hooked, 1 mid-line, 2 barycentre, 4 brace, 5, 14 with label, 7, 12, 13 calc	ifthenelse, 2, 6 tikzmath, 12 legend, 2 library calligraphy, see calligraphy library decorations, see decorations library graph, see graph library math, see math library patterns, see patterns library limit visualisation, 2, 8, 12–14 magnifying glass, 1 manual scaling, 8 math functions mod, 9 trigonmetry, 1, 8 math library, 11, 12 multiline node text, 8, 9
projection, 13 relative position, 7 calligraphy library, 5 clip, 1, 2, 9 cut away, 12 colourblind pallette, 13, 14	newcommand, 6 node on path, 10 fraction position, 8, 9, 13, 14 midway, 7, 8 sloped, 8, 9 node shaped as coordinate, 11
decorations library, 2, 5 coloured, 11 every node, 5, 9, 11, 14 path, 9, 11, 13, 14	overlap, 1 package pgfplots, see pfplots12 path curved, 6, 9, 10, 15
foreach, 2, 3, 6–10, 12 backwards, 9 change variable, 2 tikzmath, 11, 12 function plot, 10	cycle, 6, 8 dotted continuing, 15 negated, 9 partly rounded, 2, 10 rounded, 6, 8, 9 variably coloured, 12, 14
graph use existing nodes, 7 graph library, 5 custom, 6 poset, 5 use existing nodes, 4, 6	patterns library, 1, 2 coloured, 2 pgfplots, 12 colormap, 12 polygon, 3 polyhedron, 3 transformation
if statement	rotate, 2

```
slant, 10

variable
from expression, 9
global, 2
pgfmathparse, 9
pgfmathsetmacro, 2, 8–10, 12
tikzmath, 11, 12
```