

# Index of Combinatorial Arenas

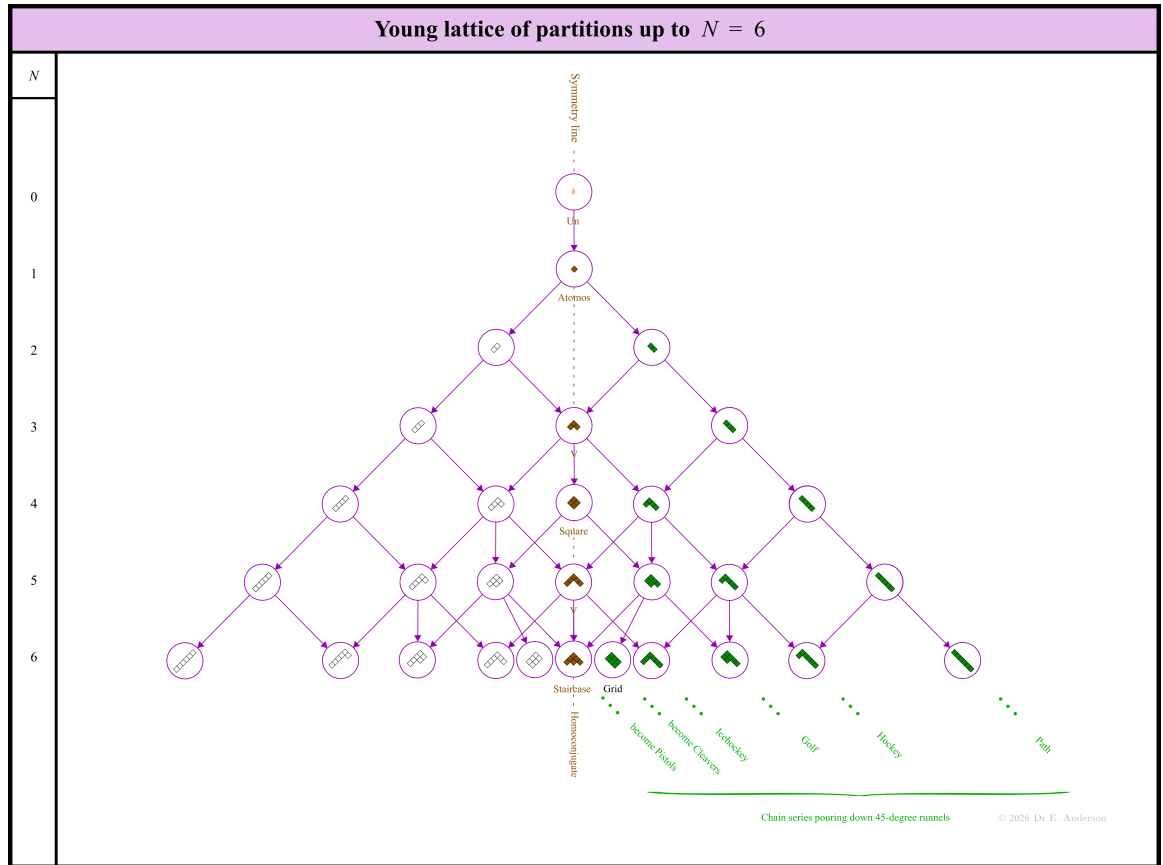


Figure 1:

Index edited by Edward Anderson<sup>\*,†</sup> and A. Ford<sup>\*‡</sup>

\* Institute for the Theory of STEM.

† Dr.E.Anderson.Maths.Physics \*at\* protonmail.com .

‡ she/her.

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The following index refers to page numbers in v1 of [1]. For now, they all refer to **arenas**: not the objects themselves but the totality formed by each type of object. Exploiting that for Combinatorial objects, the arenas themselves often have a useful Graph Theory description, and very useful Order Theory descriptions. The corresponding objects themselves are explained in Parts I to VII of [1]. For now search that Book's pdf file if you would like to find out more about any of these!

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Young lattice on the arena of partitions 593 . Though this little chapter contains a running error, so a corrected version will eventually be linked here before becoming part of the 2nd Edition.

## References

- [1] E. Anderson, *Applied Combinatorics*, Widely-Applicable Mathematics Series. A. Improving understanding of everything with a pinch of Combinatorics. **0**, (2022). Made freely available in response to the pandemic here: <http://institute-theory-stem.org/combinatorics/> .
- [2] "Index of Combinatorial Arenas", ed. E. Anderson and A. Ford, Online Encyclopaedia of Applied Graph and Order Theory, <https://institute-theory-stem.org/online-encyclopaedia-of-graphs-and-orders/> (2026).