



**Tip 8: Use real world
hierarchies**

- Establish relationship between math objects with real world analogies
- Hijacks human worldly understanding

Lie
group



lie algebra

$\rightarrow \exp(g)$



lie algebra

$\rightarrow \exp(g)$

Tip 3:

**Semantic
Slices**

Tip 6:

Rules

The group is the *Tree*
The algebra is the *Roots*

Tip 8: Use real world hierarchies

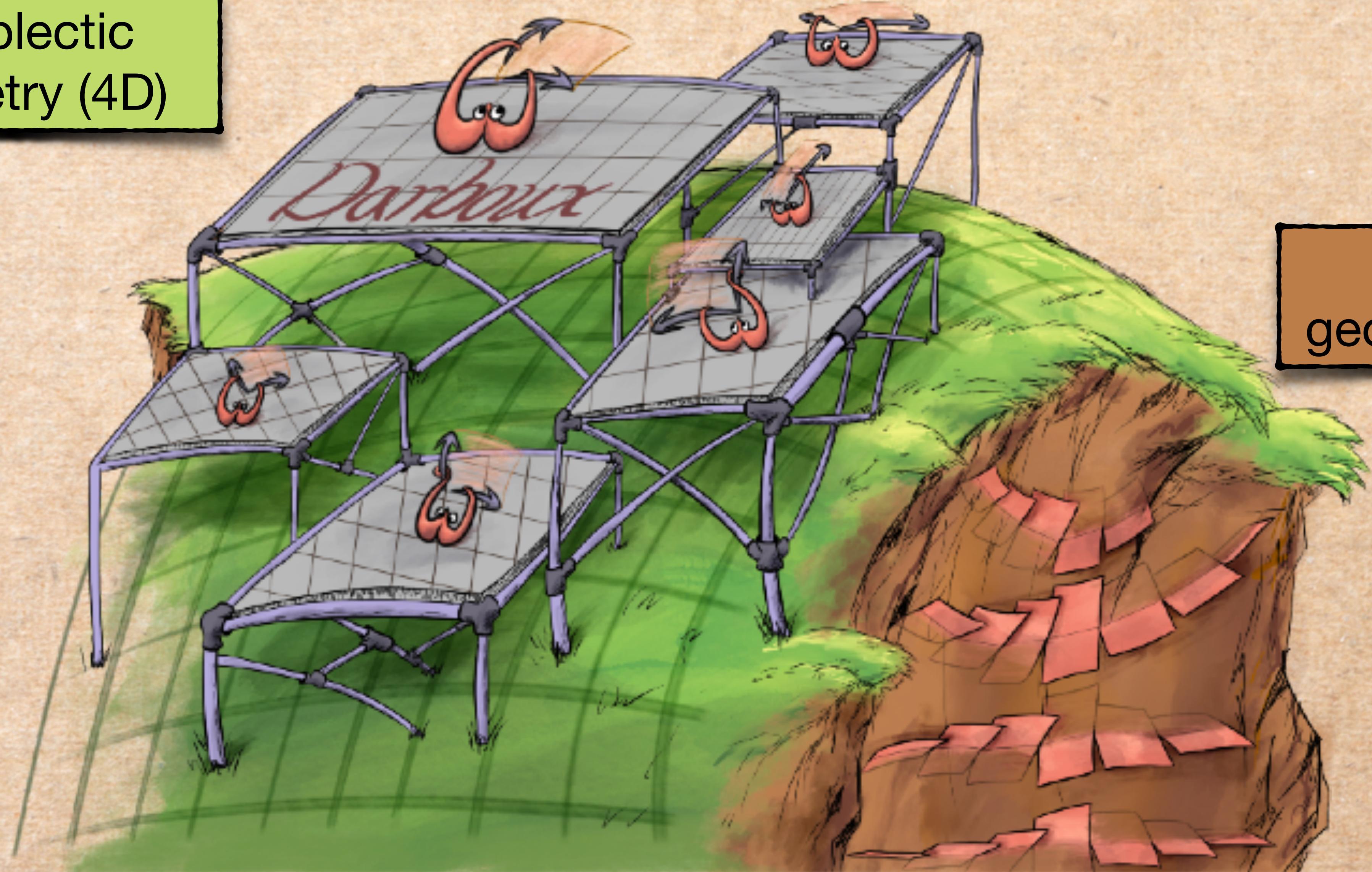
- Establish relationship between math objects with real world analogies
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The group is the *Tree*
The algebra is the *Roots*



Tip 3:
Semantic
Slices

Symplectic
geometry (4D)



Contact
geometry (3D)