

Geometric tables & boring logs

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Geometric Tables

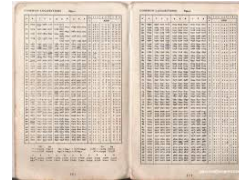


Which way
is it
rotating?

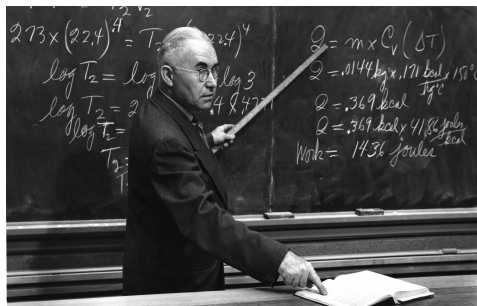


Boring Logs?

Logs

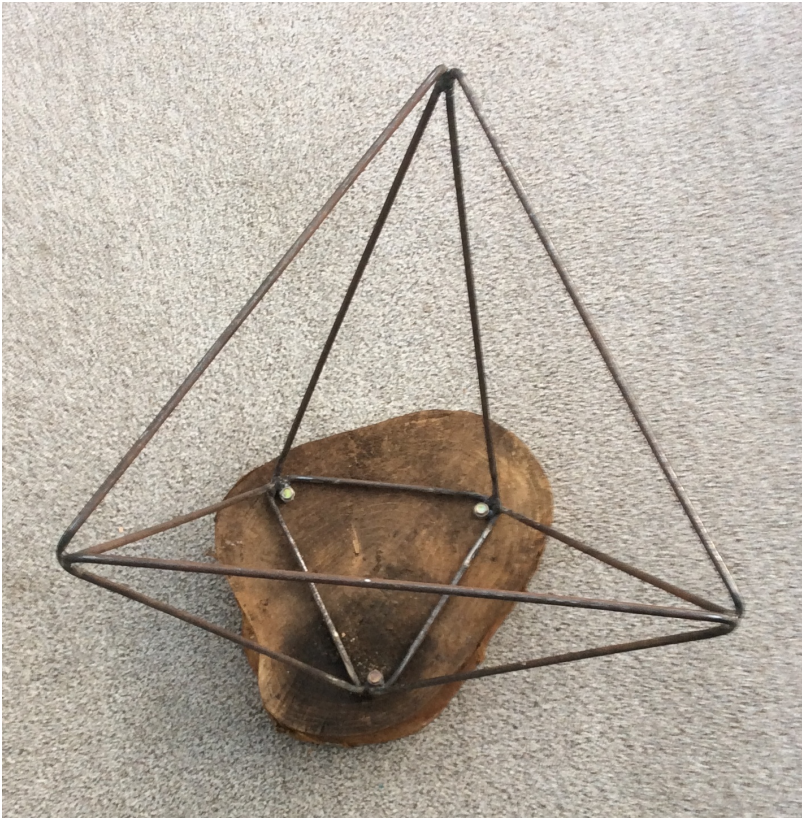


Boring



I'm so board.

I really wish something fun wood come along.









Where do the wavy lines come from?

- Are the waves in the original tree-rings?
- Or are they products of uneven boring?

Or both?

How to formulate mathematically?

1. Model the tree-ring pattern. (*Cylinder containing cylinders?*)
 2. Model the pattern of carving.
(*Spherical? Ellipsoidal? Combine with planar cuts?*)
- Perturb with random or sinusoidal variations (*CAD could be useful!*)

Q: Starting from circular tree-rings, how to bore if you want to get;

1. "Pure" ellipses
2. Nice sine curves
3. Other patterns ?

A: I don't know.

Q: Is there any way you can get rings that cross each other?

A: Probably not, but how to *PROVE* it?

Generalisations ?



Sticks of rock – can we suck them so the visible message differs from the original one?

Candles ... ?



Future research:





Thank you !!

