CLOSING HAIKU by Jim Anderson

Poetic science
Two grand human adventures
Stronger together.

THE HYPOTHETICAL ROOF by Jim Anderson

I stand on the hypothetical roof
Of an old calculus problem,
Surrounded by the mists of not knowing;
Perhaps the first magic I remember.
Height and time, intertwined,
Set in motion by the drop of a rock.

Non-existent wind swirls in my hair.
The rock, strangely weightless,
A figment of my imagination,
Plucked from the stream behind our house.
Always this same rock I bring to the roof,
It returning to me after each drop.

The spells of equations
Cast on blackboards with colored chalk,
On paper with hieroglyphic pen.
I watched with rapt attention
As the grey haired mathemagician
Unravelled the deep mysteries.

He rent asunder the gathered mists,
Brought us to the heart of the not yet
Known, spell built upon spell,
Each impossible at first to cast
Until practice rendered each simple,
And the logic's bright glow replaced magic's dark myth.

CONJECTURE 0 by Jim Anderson

We continue here the investigation of the relationship
between the intersection of a pair of subgroups of a Kleinian group,
and in particular the limit set of that intersection,
and the intersection of the limit sets of the subgroups;
And so investigate whether we can see in this case
an emergent curious distributivity.

Of specific interest is the extent to which
the intersection of the limit sets being non-empty implies
that the intersection of the subgroups is itself non-trivial.

The main purpose of this note is to consider the conjecture,
due to Susskind, given below as Conjecture 0.

We are unfortunately not able at this point to give a complete proof
of Conjecture 0. We are able to show that Conjecture 0 holds
in a particular case, given below as Proposition 1.
We then use a result of Bishop and Jones to conclude that
in fact, Conjecture 0 holds most of the time.

In addition, we provide examples to show that Conjecture 0
is as reasonably sharp as it can be;
these are given below as Propositions 2 and 3.

In light of Proposition 3, we cannot expect that the inclusion
at the conclusion of Conjecture 0 is in fact an equality in general.