

We start by noting that The Cosmos at Light-Speed is Instantly and Infinitely Connected.

The Corollary of this fact is that at the speed of light the Cosmos therefore delivers as much bandwidth as is needed, because bandwidth is infinite at this speed, which therefore by-passes any-and-all filtering restrictions which might be posited at this speed, and thus the Space $v=c$ is completely Open. Hence, there is no universal filter restricting the cosmos at the top.

Then we note that at light speed, the time-value of the whole of this space is Zero and only Zero.

Then, beyond light speed, and into the multiple Space of Times in the Quantum Realm, time values are not restricted to time-is-Zero-only, because this space we posit can take multiple and infinitely many values simultaneously, as well as being at time Zero in linear time which is also Instantaneity.

Hence if true, the Realm of Superluminal speeds takes infinitely more values than the realm at Light Speed, because the one at Light-speed is only at time=zero, (albeit Instantaneous) whereas the other is both at Instantaneity (time zero) and also has infinitely more separate values.

Hence Bandwidth which connects these multiple and infinite time values instantly is infinitely more in the Space of time(s) in the Super-luminal Realm and is therefore the bigger space.

Then we look at the Coding and passing between Subliminal and Superluminal Realms.

We have proposed that this too is Instantaneous, between each realm. This is the Instantaneity Condition.

This instantaneous connection implies that each element of Space-time occupies both places, (or indeed multiple spaces) at once since there is no distance either in time or space since each point, because each is instantaneously connected.

Thus, each point occupies multiple (indeed infinite cosmos levels which could be proposed) at once simultaneously right here in this Cosmos at Subluminal speeds.

This then forms the basis of the Cosmos as a Quantum Supercomputer which Seth Lloyd and Conrad Luse have proposed.

We propose that each eternal point of Spacetime is a single and uniquely identified Element (through each having its Unique Identification Number), gated infinitely and connected with each other, both connected and disconnect-able, and saved as eternal and unchanged Elements, and each of whose relation in turn can be infinitely changed with the others.

Freedom and Change, on this side of light speed where time moves linearly, in turn changes the positions and thus the relations of and between each of the space time elements, and this Change can then be saved, transported and stored instantaneously, for a storage which is true and exact and secure.

This forms the basis of the architecture of the memory, registry and quantum processors, for a Cosmos Supercomputer of infinite processing power and resolution, which I developed in my paper The Cosmos and The Fourth Angel.

We then start to look at the physics and the actual physicality of the spaces from which the Cosmos (Quantum) Supercomputer is built:

The ideas which stand out below form the full set, which creates both the mathematics and the physical space which from which Quantum Computers are built:

UNIQUENESS

FREEDOM

INSTANTANEITY

CONNECTIVITY

CIRCULARITY

LINEARITY

Uniqueness of each element provides true and exact and individual parts so each part of the computing process can be stored on an individual basis and completely avoids confusion.

Freedom implies each Element-part is free and therefore Independent of each other and therefore can process without the confusion of duplication. These are the pure Quantum States albeit they can be mixed as single Quantum Entangled (Processing) States.

Instantaneity means infinite processing power between each and all individual Elements, because they are all each and separately connected between each other Instantly.

Connectivity means infinite Bandwidth between each and all computing elements, which in turn implies Infinite Supercomputing power.

Circularity is the Circle-to-Infinity of the Riemann Sphere, with each Element-Point on the infinite sphere therefore taking unique and separate values which are also instantly connected to infinity through the Riemann Sphere's single Polar point and in turn which can process all Points instantly through this instant connection.

Linearity are all the Equations and Transforms which can be formed across Mathematical Equality, to build the Quantum Machine physically. Copyright DF 21/06/26

