

Timeflow in Cosmic Microwave Background

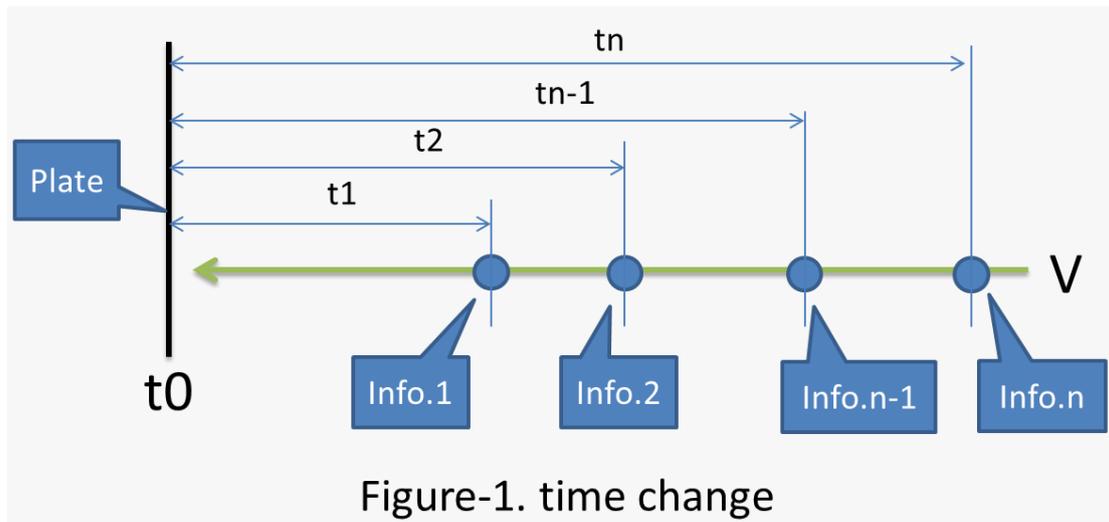
Dwayne

Suppose

When point O move to point m by speed V, in observation of point O, it observe point m move to point O by speed V in reverse.

In same reason, when point O move to object M, in observation of point O, it observe all points of object M move to point O by speed V in reverse.

Now define a concept on timeflow, it is a multiple projection expression of time by each dimension.



As figure-1, there is static plate. As arrow, information was projected onto plate on speed V.

When information n will be projected onto plate in next moment, the other information already was projected onto plate.

Set plate as observation point, to observe the relative change between information n and other information.

From time t_1 to t_0

- Relative position of information doesn't change, there is no relative change between information.

From time t_2 to t_1

- Information 1 was projected onto plate and be static, so when information n move to plate by speed V , it reduce the distance between information 1 and information n. In observation of information n, there is a reverse motion of information 1 by speed V
- Except information 1, the distance between information n and other information, it doesn't change. No relative change on them.

From time t_{n-1} to t_2

- Information 1 still on plate and be in static, in observation of information n, there is a reverse motion of information 1 by speed V .
- Information 2 was projected onto plate and was in static, in observation of information n, there is a reverse motion of information 2 by speed V .

From time t_n to t_{n-1}

- Except information n, other information were projected onto plate. In observation of information n, all of other information moves to information n in reverse speed V .

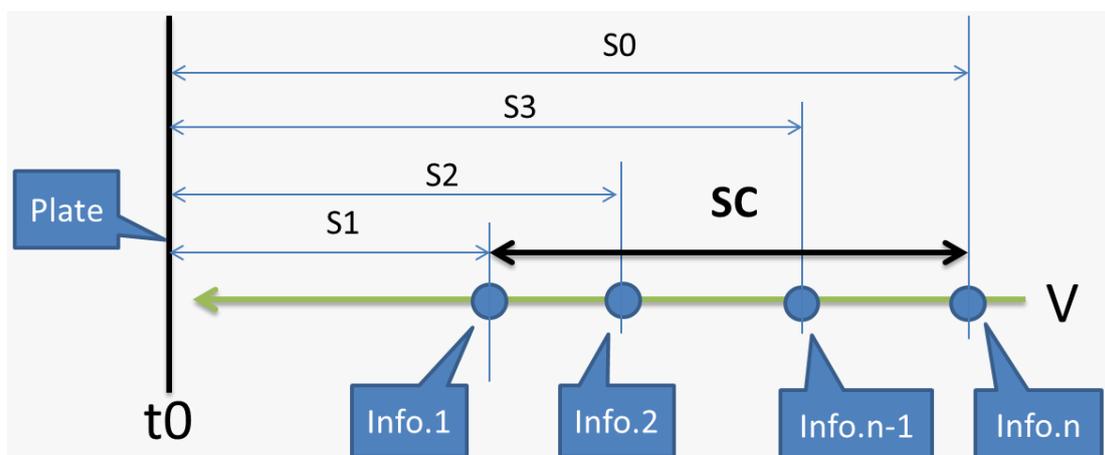


Figure-2. distance change

Based on the plate, the whole distance relation between any information and any time, it always meets basic total distance. Such as information 1 and information n, when all information was projected onto the plate, the change distance between information 1 and the plate is stable, it is S_1 . And the change distance between information n and the plate is stable, it is S_0 .

So based on plate, the change distance between information 1 and information n is $SC=S_0-S_1$. It is $S_0=S_1+SC$.

In same reason, the change distance between information 1 and information n-1, it is relative “ $S_0=S_1+SC$ ”.

When information 1 was projected onto plate and be in static, the distance between information 1 and information n, it reduced S_2-S_1 . But because information n itself reduced S_2-S_1 also, so based on plate, information 1 keep the same **change** distance with information n.

Cosmic Microwave Background(CMB),
http://wmap.gsfc.nasa.gov/universe/bb_cosmo_fluct.html,

It is a very clear sample of time's change of inner time. The whole CMB represent one moment of universe, the beginning moment of Big Bang. And meanwhile its structure represents the relative inner change process of the moment.

From time t_n to t_{n-1} , in observation of information n, there is no relative change between other information, they are keeping stable. The representation of relative stable other information, **it is the background when information n observe other information's change.**

In the background, the relative time's change of other information (except information n itself), it is timeflow. Timeflow is a time's change of an inner time. Timeflow is a relative change of a static state.

From time t_n to t_{n-1} , in observation of information n, other information will move to itself on same speed V . **That is why the speed of light is constant. Because for the forward information of information n, whatever speed before it is projected onto plate. As long as it was projected onto the plate, it will be changed into a same “relative reverse speed” with information n.**

Derivation

Now it is time to build a model to show what exactly observation of information n during time t_n to t_{n-1} .

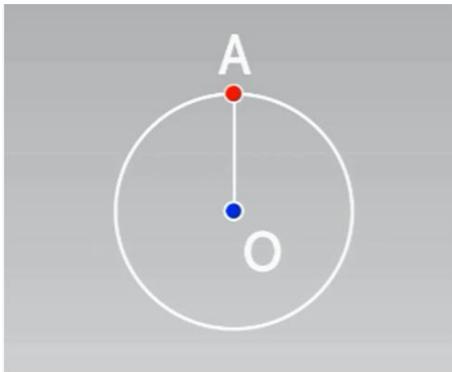


Figure-3. From a point to radius At first length OA it represents the space (distance)

between information n and information n-1. And draw a circle O by length OA, the point O represent information n itself, and point A represent information n-1 itself. So the whole perimeter represents the change range from information 1 and information n-1.

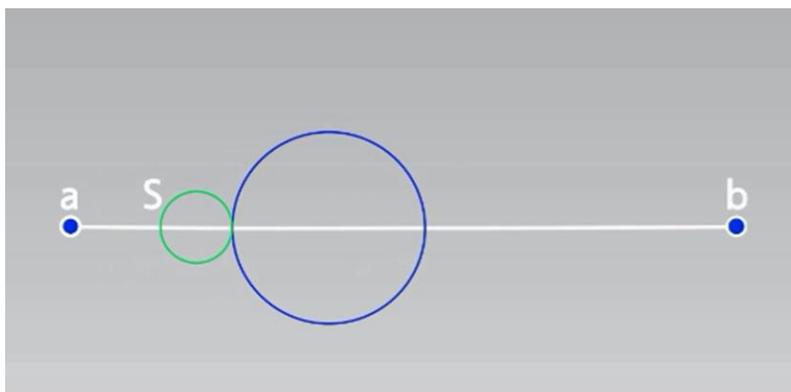


Figure-4. From radius to perimeter

Because any information meet " $S_0=S_1+SC$ ", so based on perimeter, divide the perimeter by each next information to two parts, it build each " S_1 and SC ". The perimeter of circle O, it is equal with length ab. Total perimeter of two changing circles is equal length ab.

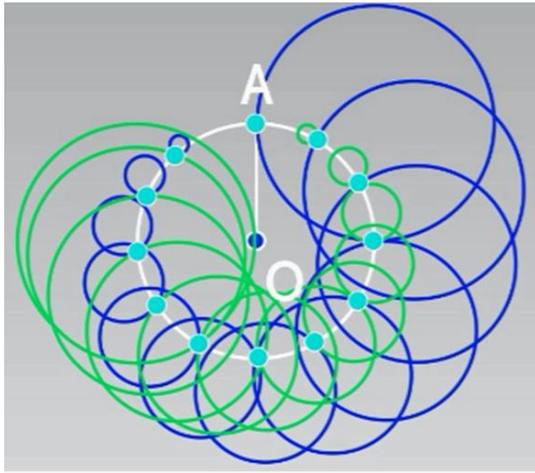


Figure-5. Before remove part SC From time t_n to t_{n-1} , information n itself is changing. The representation of length, it is circle. So it is based on circle, not on length representation finally.

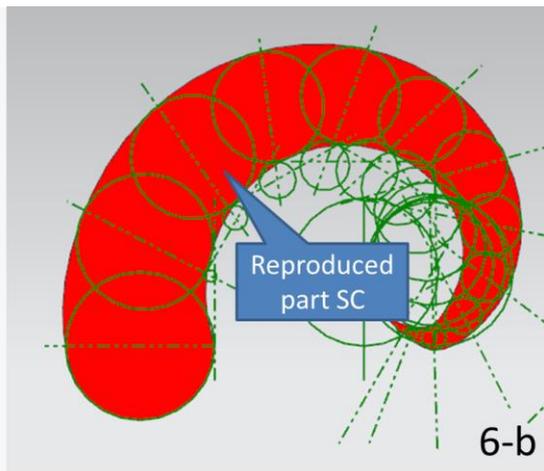
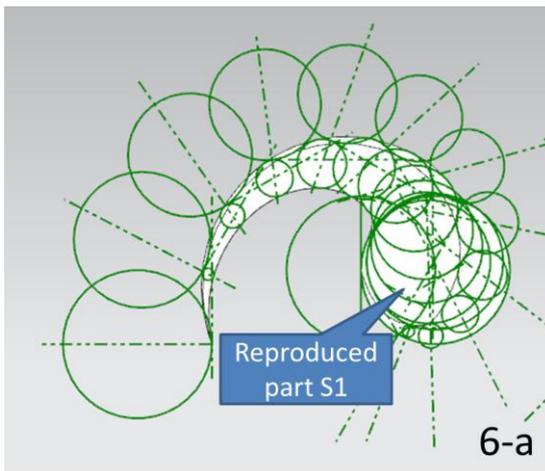


Figure-6. After remove part SC
a. Part S1; b. Part SC

From time t_n to t_{n-1} , other information doesn't change in information n observation. It is "relative static time" of other information.

The representation from information n to the plate, it is equal with the representation from the plate to information n. Switch the representation of information n into the representation of the plate. It will reproduce the change of "relative static time".

For the plate, whatever status of information it is, the final change distance is each "S1". Finally it reproduces a relative change of a static state. And then as figure-4 it removes the direction change

itself by reverse 180 degree. It represents reproduced part “S1” in white, and represents reproduced part “SC” in red.

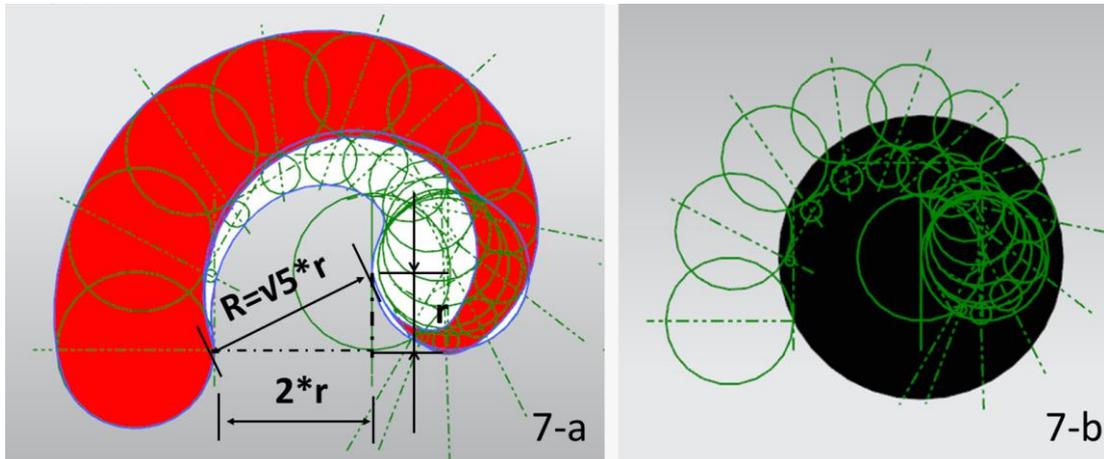


Figure-7. reproduced “S1+SC” and “S0”
a. “S1+SC” ; b. “S0”

According $S_0 = S_1 + SC$, show reproduced part “S1” and “SC” together, it relative represents S_0 . Based on the plate, it represents the change of information n itself. It is the space-time.

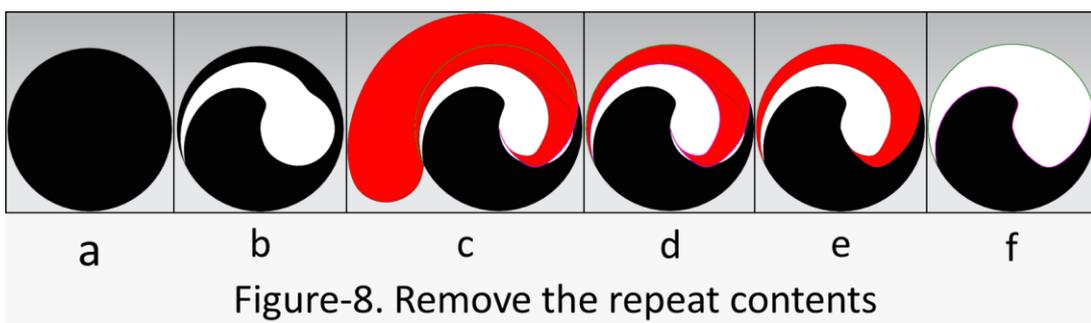


Figure-8. Remove the repeat contents

And then Remove the repeat contents of each change, finally it get 图

Stretch figure-9 and compare with CMB, they are in same structure.

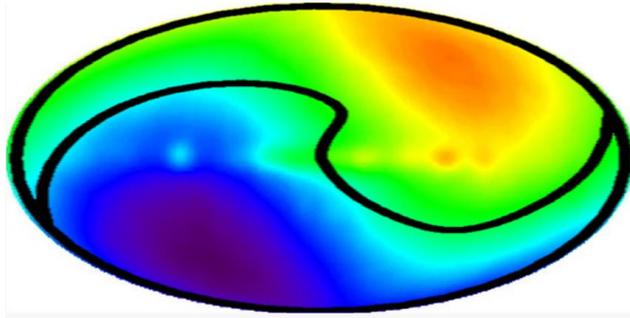


Figure-9. Comparison between reproduced construction and CMB

Reverse all process, in observation of information n, the plate is the beginning of Big Bang. The information 1 is the Black Hole of the finally level universe.