







But if several counter-teeth, with the eventual correction of the scheme proposed here, coincide symmetrically with the teeth that Gamow found, then, firstly, we proved to the doubting Tomas (what was logical even without proof) that there was not just one so-called “big bang” and, secondly, we have at least shown that an ordinary galaxy with thermal radiation is probably the next evolutionary stage of active galaxies.

### CONCLUSION

But if several counter-teeth coincide symmetrically with the Passage diagram of entropy through singularity shows the origin of the Planck black body radiation diagram parallel with the origin of the Maxwell-Boltzmann thermal distribution: it tends to zero,  $\lambda \rightarrow 0$ , several times faster than the Maxwell-Boltzmann distribution at the highest temperatures, and faster with increasing wavelength tends to its maximum by cutting the Maxwell-Boltzmann upward line because due to the inertia of mass particles it is less steep. The non-thermal spectrum of active galaxies is continuously ascending with different cut-off teeth of the emission radiation. This is the reason that the observation tables should be made by checking each calculated counter-tooth of an active galaxy: according to the scheme, the frequency shift found should be compared with the recorded teeth—without the prejudice that we came from the same “big bang” as that spectrum of the active galaxy. Otherwise, we will dismiss fine differences in frequencies as random artefacts. Only with the awareness that there was not just one big bang, can one properly see the cosmos and understand the Universe.

The function  $y=e^x$  keeps all the mentioned properties if the point  $x=0$  moves up or down along the bisector of inertia. The change in the horizontal “absolute” zero temperature  $T$  (which is normally over the gas constant in relation to Planck's uncertainty constant) together with the symmetric distances  $-c_{\max}$  and  $+c_{\max}$  nothing changes except the dioptr with which we look at that symmetry: from the micro-world we are in the macro-world or perhaps already in the imaginary world of Riemannian complex infinity behind our  $c_{\max}$  and the cosmic background microwave. Universal constants are always just cosmological constants (in the ancient Greek sense, what they could see was called the cosmos).

### ACKNOWLEDGEMENT

It is dedicated to the idea that science and religion do not have to contradict each other, if religion allows a metaphorical interpretation of the holy books, no matter how rigidly each of them insists on its ritual customs, and if science sees that even the theory of relativity is insufficiently relative, i.e. that coordinate systems related to virtuality should also be taken into consideration if one wants to guess the answer to the question: **How come the world exists?**

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