Abstract Submitted
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An Alternative Explaination to CMBR based on Curvature
RICHARD KRISKE, University of Minnesota — The author would like to propose an alternative explaination to the CMBR based on curvature instead of temperature. When one looks at the horizon of a curved surface such as the earth, that horizon is non-magnifiable due to the fact that objects not only shrink but tilt away from the observer as well. This clue applied to horizons in 3 dim. of curved space and one perp. time dimension (which would tilt backward, away from the observer and result in a nonmagnifiable 2 dim. surface, in all directions). The temperature of the resulting area (similar to the look of the resulting line of the earth's horizon) would tell the observer the mass and the curvature of the surface. The reason that the time vectors on the other side of the Universe do not contribute is that they are backward in time and the parallel displaced vectors would result in a particle that we would not interpret as a photon (it would appear to be a photon moving backward in time - and thus adding a correction to QED/QCD). The implications of this may shake the foundations of Physics in that it gives a direct connection between the shape of the Universe and spin. Pilots use the Horizon to determine up and down, in a 4 space this would give absolute meaning to spin and tell the correct number of dim. of the manifold. The author submits that there may be enough evidence to conclude that this is the correct interpretation of the CMBR and the Big-Bang in its simple form is not.

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