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Plasma Redshift versus Big Bang ARI BRYNJOLFSSON, Applied Radiation Industries — The newly discovered plasma redshift of photons penetrating hot plasmas gives a simpler, more accurate explanation of many cosmological phenomena than the Big-Bang cosmology. The plasma redshift of photons occurs only in hot low-density plasma. The corresponding energy loss of photons is converted into heat. This heating is responsible for the sharp temperature rise in the transition zone to the solar corona. The plasma-redshift heating is responsible for the million degree corona around stars and galaxies, and for the about 3 million degree temperature of the hot intergalactic plasma with electron densities of about $0.00023(H_0/70)$ cm⁻³. This plasma is responsible for the CMB radiation, which is created primarily by the hot electrons, and not by the grains or the whiskers as sometimes suggested. The plasma redshift gives a beautiful explanation of the Hubbles redshift-magnitude relations as observed by the supernovae researchers. The evidences confirming the plasma redshift will be given

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