







***LASER STARS.**org



University of Ottawa Faculty of Science

These coincidences can be readily understood on the basis of the Plasma-Laser Star Theory (PLAST) (Varshni, Lam, Nasser 1975-1989). which is based on sound physical principles and does not need the assumption of redshifts. It provides satisfactory explanations of the various phenomena associated with quasars. In short, quasars are a special type of star in which laser action is responsible for the strength of the broad emission lines. Most of the observational evidence on quasars either supports our theory or else is

The assumption of the ejection of matter from quasars at high speed is supported from the fact that the widths of emission spectral lines observed in quasars are typically of the order of 2000 - 4000 km/sec. The ejected matter can form a nebulosity around the quasar If we consider two stars which belong to the same spectral class or to very neighbouring spectral classes, for example two A2 type This arises because in the two cases the plasma where the absorption is occurring is very similar in the two cases. In our theory of quasars the absorption is occurring in the extended atmosphere of a star, much like a shell star. The coincidences between the



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comparison of the Rollinde et al. data with the BSBC data shows that if we allow **Obviously the question arises of chance coincidences.** Russell and Bowen (1929)

error is 3.8. This clearly shows that these coincidences between the wavelength