

DISCUSSION ON THE PAPER BY **BIRKINSHAW** (p.539)

Shanks : How do you rate the prospects for determining H_0 from time delays in a gravitational lens ?

Birkinshaw : Where the observations are sufficiently detailed to measure elements of the relative magnification matrix of the brightest images, there the models are far more constrained than when only the relative brightness of the image are known, so that the indeterminacy that I discussed can be resolved. However, the symmetry transformation of Falco et. al. (1985) means that no measurement but only limits to H_0 can be derived from the comparison of model and observed time delays.

DISCUSSION ON THE PAPER BY **REBOUL ET AL.** (p.547)

Alladin : What is the typical relative velocity for the pairs containing an active component ?

Reboul : The typical redshift is ~ 0.1 . There are no very significant differences between the two components due to the low dispersion. Relative velocity is lower than 200 km s^{-1} .

Veron : Do you have cases where both components of a pair of active galaxies are Seyfert galaxies rather than one Seyfert and one more conventional region ionised by young stars ?

Reboul : There is no clear case of pair of good Seyfert galaxies. But the objects appear in strong gravitational interaction. This is in the reason why we put forward the hypothesis of "interactivation".

DISCUSSION ON THE PAPER BY **SCHILD** (p.549)

Hutchings : Do radio flux measurements confirm the 1.2 year time delay in 0957 found in optical data ?

Burke : The radio components A and B of 0957+561 exhibited a steady decrease of 1 mJy/yr for several years. Last year A brightened by several mJy, without a corresponding change in B. We look forward eagerly to the coming year's data.

DISCUSSION ON THE PAPER BY **TYSON** (p.551)

Shanks : Have you any plans to try and obtain individual spectra for the images you resolved in the Huchra quasar, from a ground based observatory ?

Tyson : No. The objects appear to be separated by about one arcsecond. Thus, spectroscopy done on the surface of this planet will be hopelessly contaminated. Space Telescope spectroscopy, using our best positions for A, B and C is hopeful.