

### Figure 12-2

This figure contains spectra for 28 BALQSOs. The spectra were averaged over all epochs and all spectral resolutions. The coordinate names are shown at the top of each plot. The wavelengths have been converted to the QSO rest frame. The adopted emission-line redshifts, used for all calculations, are shown at the top right of each plot. Strong emission lines are indicated by marks and labels at the top of each plot.

The adopted continuum for each object is shown as a dotted line. The  $1\sigma$  error per pixel is shown as a dotted line at the bottom of each plot. The pixel size is  $4/(1+z_e)\text{\AA}$  and the resolution is approximately  $12/(1+z_e)\text{\AA}$  or  $\sim 720\text{ km s}^{-1}$ .

No correction has been been for atmospheric absorption lines. For the higher redshift ( $z_e \gtrsim 2.7$ ) QSOs, the positions of the A ( $\lambda_{\oplus} \sim 7610\text{\AA}$ ) and B ( $\lambda_{\oplus} \sim 6880\text{\AA}$ ) bands, due to oxygen in the Earth's atmosphere, are indicated.