



Figure 1. Infrared and optical imaging of J2323-0100, one of our four “Extremely Red Quasar” ERS targets. WISE W1/2/3 RGB (*top left*), the SDSS gri (*bottom left*) with zoom-in (*bottom center*) and the HSC GRI images (*bottom right*). The UV-rest frame spectrum of J2323-0100 (from Hamann et al. 2017) is given in the top right. Common emission lines are labelled across the top at positions marked by dashed blue lines. Note the unusual line flux ratios most notably $N\ V > Ly\alpha$ and large $N\ V / C\ IV$. The orange and magenta curves show our fits to the continuum, and the C IV and N V emission lines, respectively. The redshift and other measured properties are also given.