Multi color imaging of low redshift QSO hosts and their environments.

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The $u,g,r,I,z$ colors of low redshift ($z < 0.3$) QSO host galaxies from homogeneous dataset of 60 QSO from SDSS Stripe 82.

- Comparison of CMD and ($u$-$g$, $g$-$i$) diagram for QSO hosts and inactive galaxies.
- Comparison of frequency and properties of companions at $d < 50$ kpc.
Color-magnitude of QSO host galaxies compared with that of inactive galaxies.

$M_i$

$g-i$

$u-g$

$g-i$

$u-g$ color of QSO hosts are similar to that of inactive galaxies. We find no significant difference between the two samples for the number and the color of close (d < 50 kpc) companion galaxies. These results indicate that, contrary to past suggestions, for low z QSO, there is a very modest connection between recent star formation and the nuclear activity.