Universiteit Leiden
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Neutral outflows in high-redshift dusty galaxies

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Propositions

accompanying the thesis

Neutral Outflows in High-Redshift Dusty Galaxies

I. The OH^+ and OH 119 μm absorption lines are sensitive and reliable tracers of outflowing diffuse neutral-atomic and dense molecular gas, respectively, in high-redshift star-forming and active galaxies (chapters 2-5).

II. Numerous assumptions are needed in the derivation of galaxy outflow properties for which the range in possible values can greatly change the interpretation of their ejection and impact (chapter 2).

III. Molecular outflows driven by heavily star-forming unobscured QSO hosts at high-redshift are primarily ejected by feedback associated with their star formation (chapter 3).

IV. Spatially integrated spectra of outflows in the diffuse neutral gas halos surrounding high-redshift QSOs do not differ from those of star-forming galaxies (chapter 4).

V. High signal to noise spectra of Galaxy outflows are needed to properly disentangle the outflowing component from that at systemic or redshifted velocities (chapter 5).

VI. Jobs, such as those in academia, that require you to move great distances should provide in addition to renumeration, grief support.

VII. Prizes awarded for advancements in science should take into account the obstructions to science caused by their recipients.

VIII. Chillis can be grown on a West-facing dutch office windowsill during the winter.

IX. Australia is proud of its overseas citizens until they pose a quarantine threat.

X. If you try enough times, eventually you can get a bum joke past your supervisor.

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