Supplementary information: Electronic band structure and excitons in LiGaO2 and LiGa5O8

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Fig. 2: Real (red) and imaginary (black) part of function of $LiGa_5O_8$, obtained in the Independent Particle Approximation (dashed lines), and the Bethe-Salpeter-Equation approach (solid lines), showing evidence of a strongly bound exciton. The blue dash-dotted line indicates the lowest direct quasiparticle gap.