THEORETICAL LINE STRENGTHS AND TRANSITION MOMENTS IN THE $\tilde{A} 2B_1 \leftarrow \tilde{X} 2A_1$ ELECTRONIC TRANSITION OF NH$_2$

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In a recent publication, Kawakita et al.\textsuperscript{a} call for theoretical calculations of transition moments and line strengths associated with the $\tilde{A} 2B_1 \leftarrow \tilde{X} 2A_1$ electronic transition of NH$_2$; they need such data in order to improve their analysis of cometary spectra involving this electronic transition. We have used the RENNER program system\textsuperscript{b} to provide the results required. The RENNER calculations are based on \textit{ab initio} calculations of the potential energy surfaces and the electronic dipole moments and transition moments.\textsuperscript{c} We have optimized the potential energy surfaces in a least-squares fit to experimentally derived term values.

