


# Generalized Kato conditions to correct models with long-range interaction

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Making calculations with model potentials can be made easier than those with the physical, Coulomb potential. We choose to use models where the electrons interact only at long range. To obtain physically significant results we use corrections derived from the generalized cusp conditions. [1,2]

## References

- [1] Y. I. Kurokawa, H. Nakashima, H. Nakatsuji, *Adv. Quant. Chem.* **73**, 59 (2016).
- [2] J. Karwowski, A. Savin, *Mol. Phys.* **XX**, XX (2022).