Generalised BGP reflection functors via recollements

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I will present a new approach to generalised BGP reflection functors which benefits of the additional flexibility provided by the language of stable infinity-categories. To this end, I will explain how the aforementioned language sheds new light on the classical concept of recollement and how to utilise the powerful methods afforded by the theory infinity-categories in our context. Familiarity with the theory of infty-categories will not be assumed.

This is a report on joint work with Tobias Dyckerhoff and Tashi Walde.