

# Connection with infinite arrays: Rayleigh–Bloch waves

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  - Decay exponentially away from array, i.e. “array bound”.
- Wavenumber  $\beta \in \mathbb{R}$ :  $k < \beta < \pi$ .
- RB waves “cut-off” for  $k = k_c < \pi$ .
- Incident waves cannot excite RB waves on infinite arrays.

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