Connection with infinite arrays: Rayleigh–Bloch waves

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- Rayleigh–Bloch waves propagate along infinite arrays.
  - Decay exponentially away from array, i.e. "array bound".
- Wavenumber $\beta \in \mathbb{R}$: $k < \beta < \pi$.
- RB waves "cut-off" for $k = k_{\mathrm{c}} < \pi$.
- Incident waves cannot excite RB waves on infinite arrays.

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