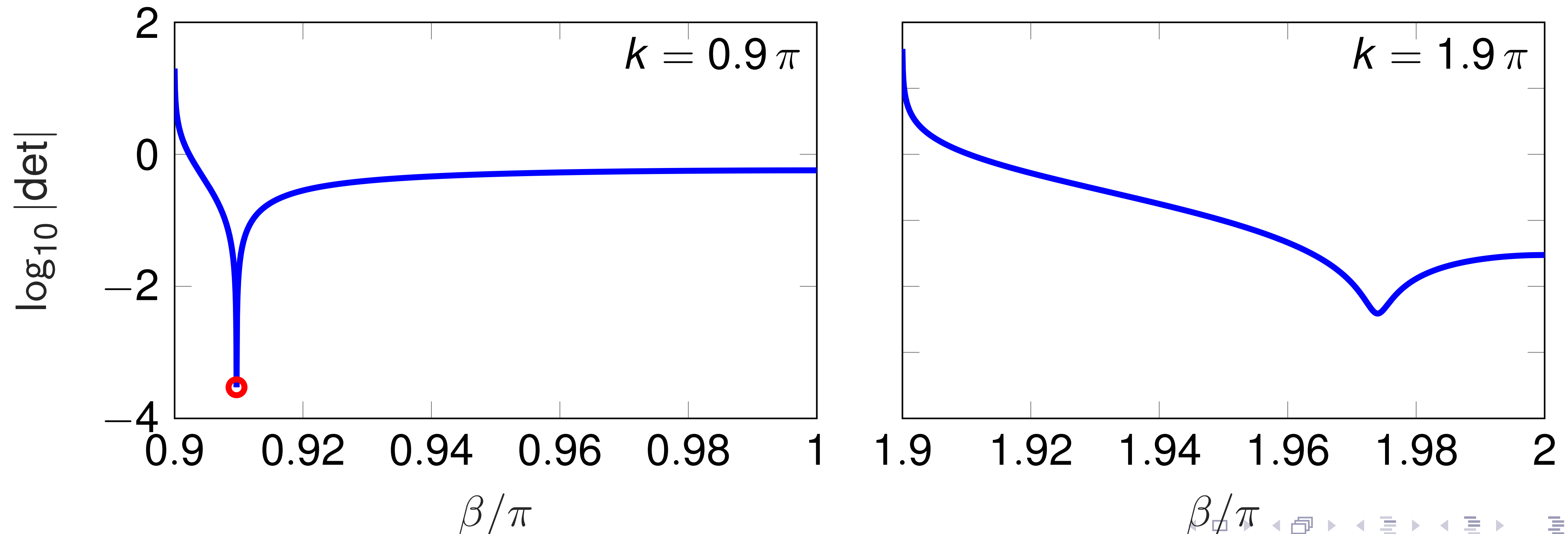


Calculating Rayleigh–Bloch waves: Standard approach

Method: Fixed geometry and $k \in \mathbb{R}$

- Apply (Graf) interaction theory along infinite array.
- Assume quasi-periodicity $\exp(i n \beta)$ between cylinders ($n \in \mathbb{Z}$).
- Use lattice sums and derive homogeneous system.
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