

Phase-matching possibilities

1

6

Wombat 2022, Erlangen, June 14th 2022. Gustav Wiederhake.





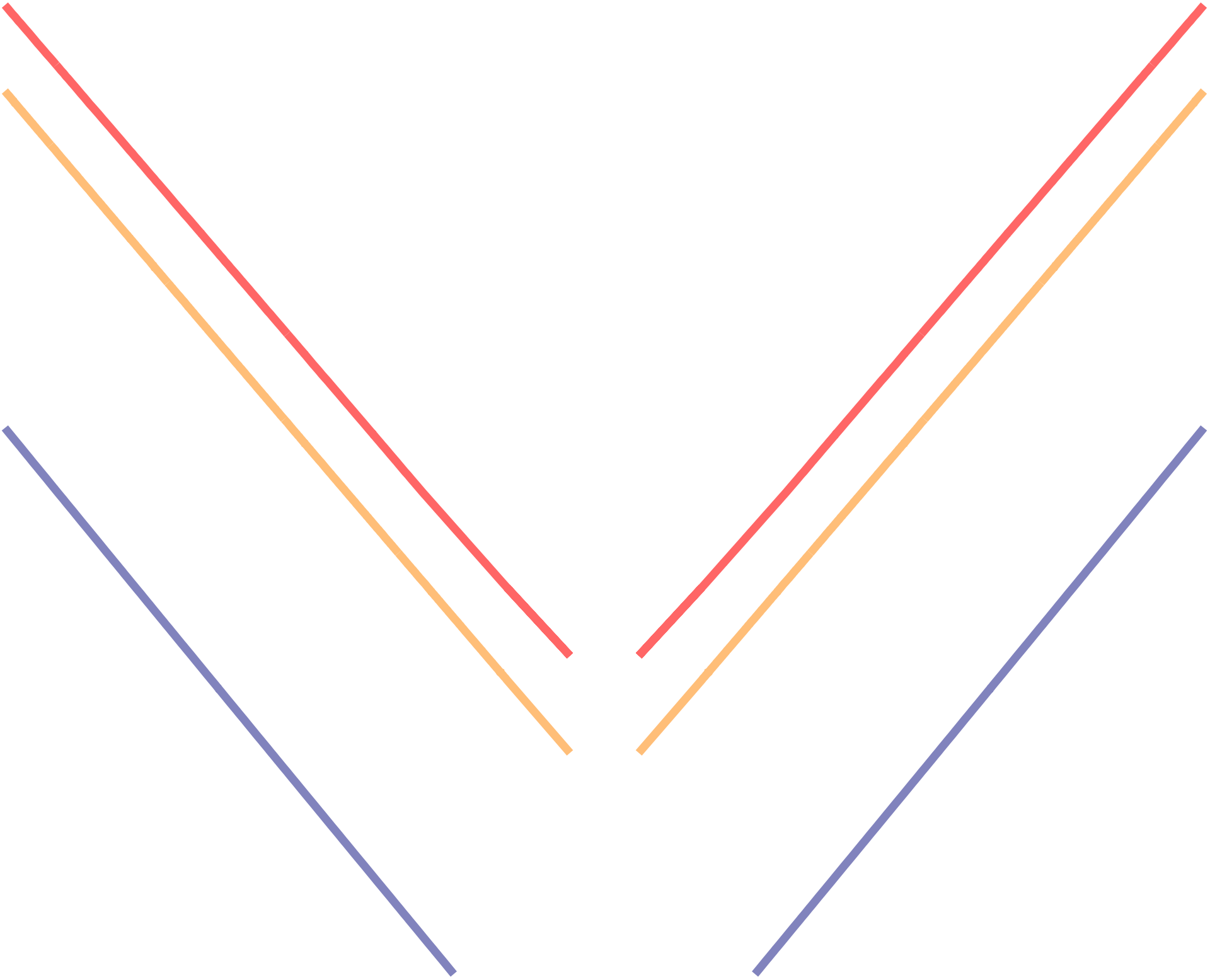


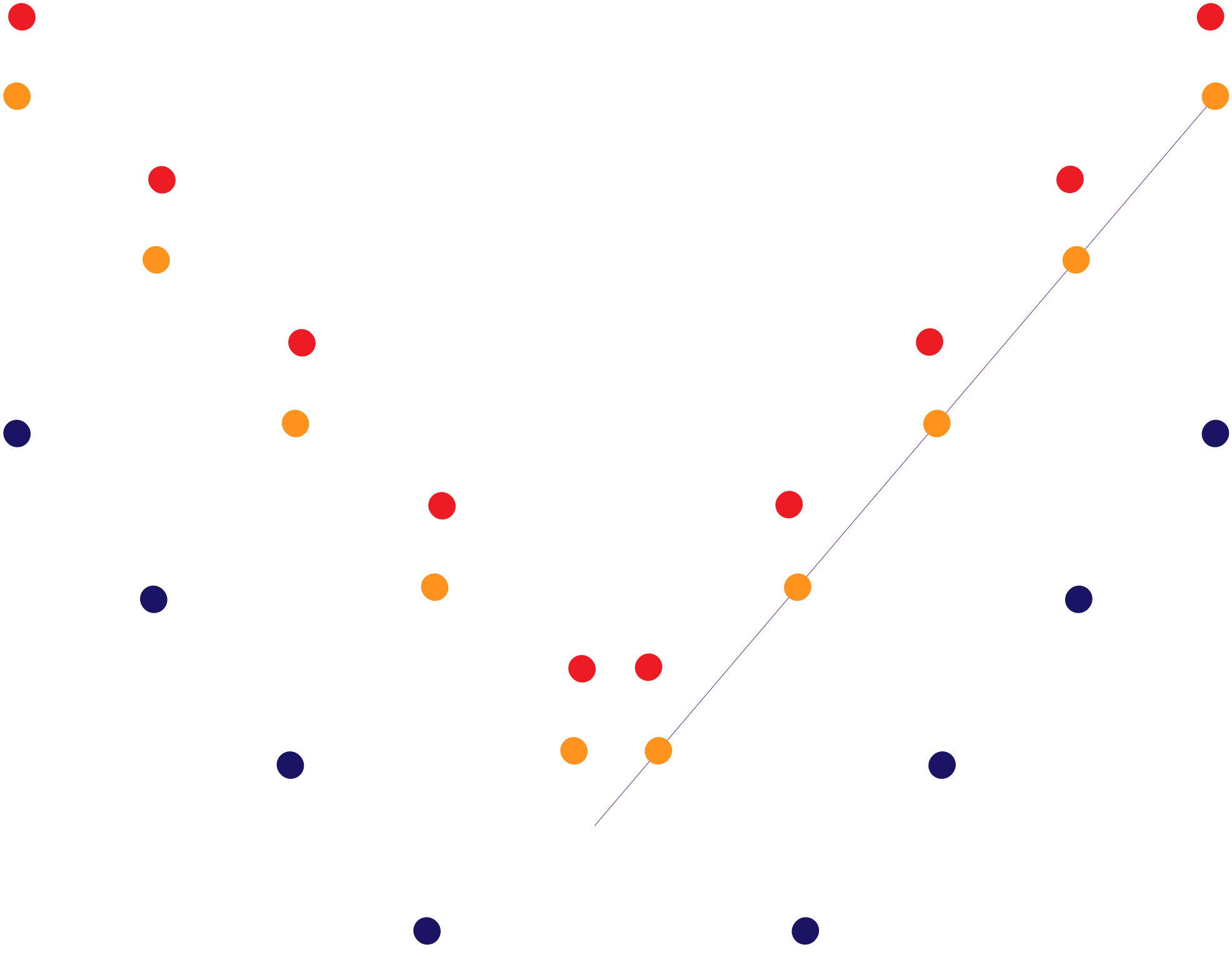
$$\omega(\beta) = \frac{c}{n_{core}} \beta$$

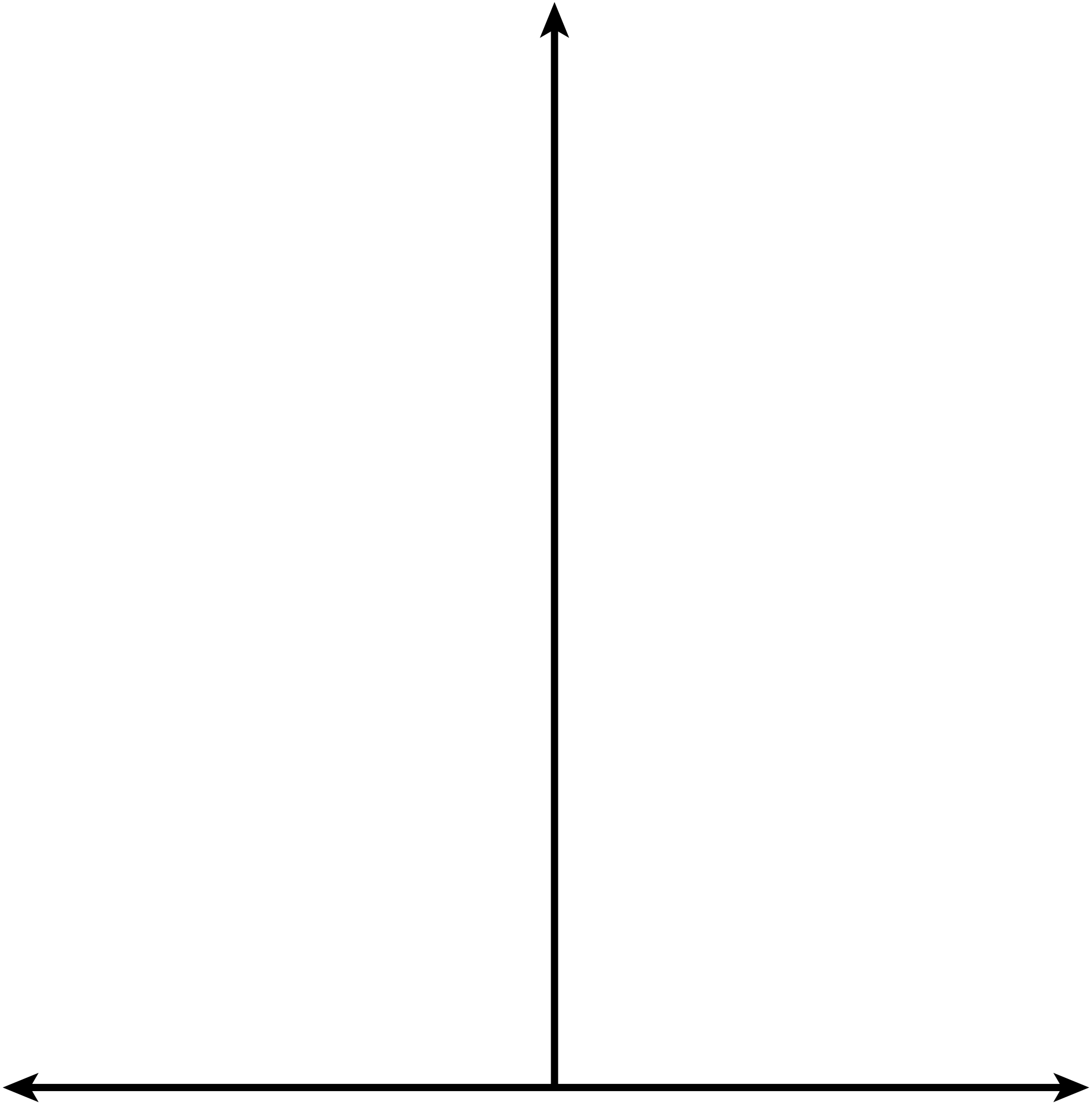
$$\omega(\beta) = \frac{c}{n_{clad}} \beta$$

Optical frequency,

o







Optical wavevector,

2

Optical frequency,

o



Optical wavevector,

Q



$$\omega(\beta) = \frac{c}{n_{eff}(\beta)} \beta$$

