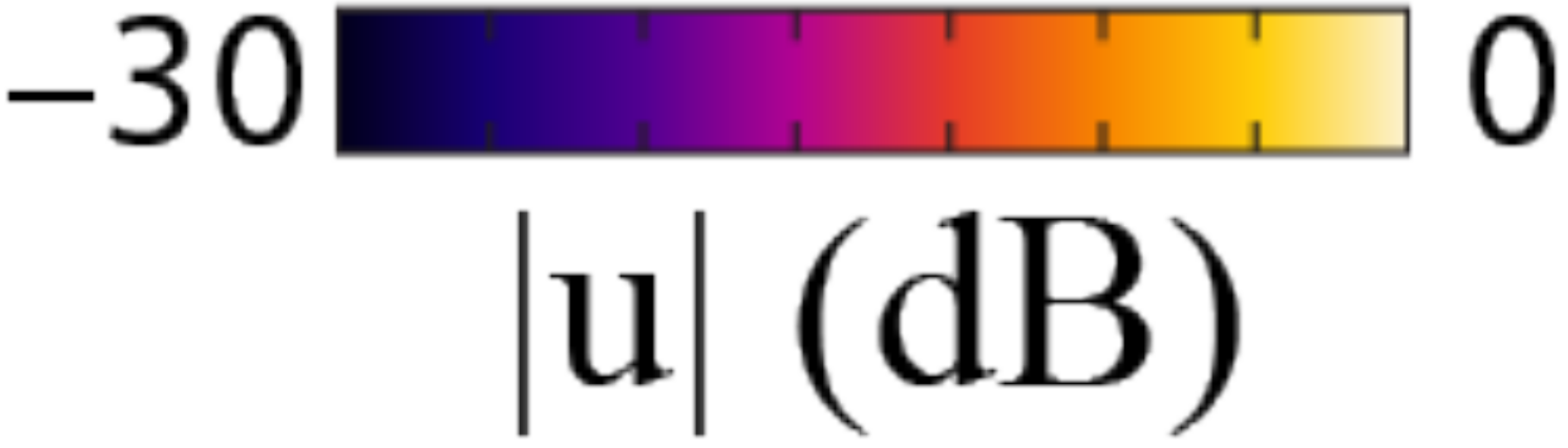
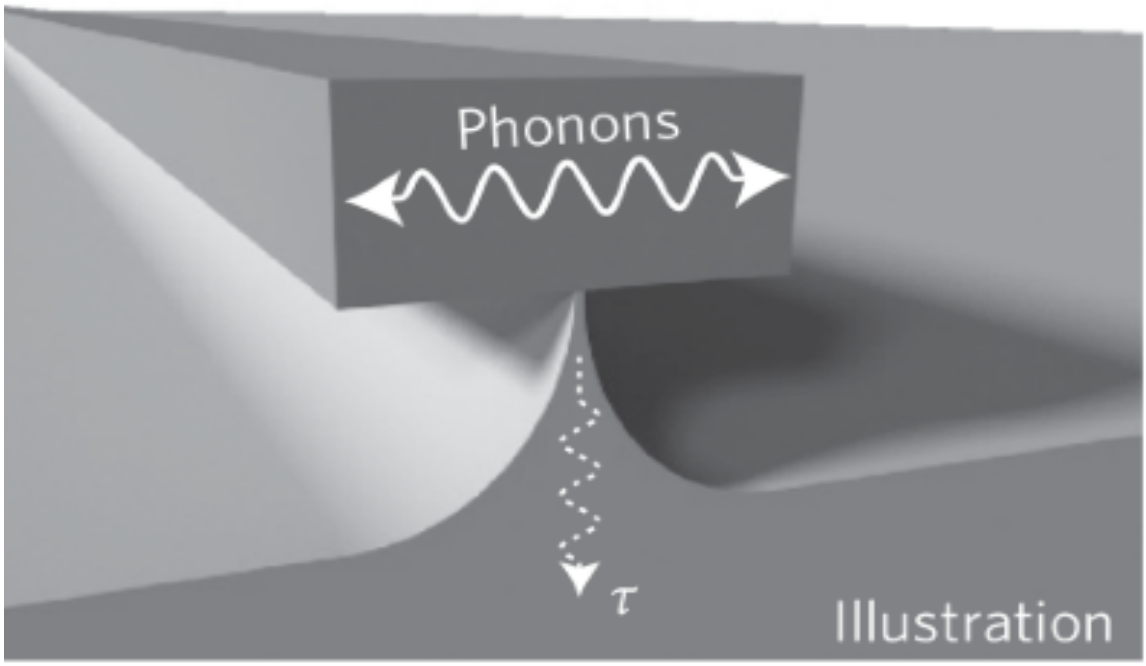
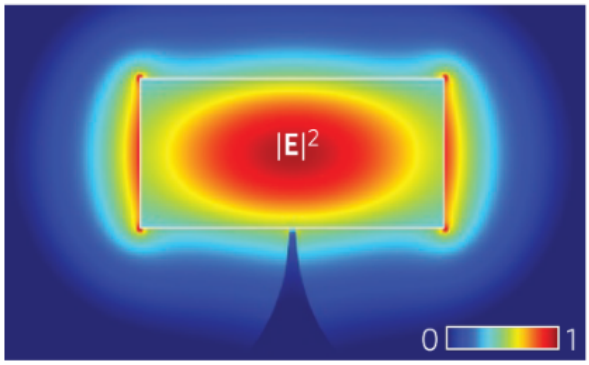
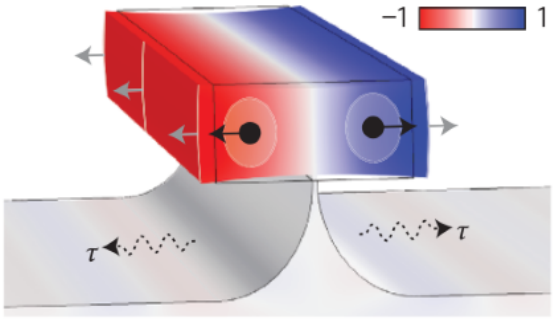

−30
0
|u| (dB)







$G_B/Q_m = 12.\,(W.m)^{-1}$ (FW)

$\boldsymbol{G_B/Q_m = 0.4\,(W.m)^{-1}}$ **(BW)**

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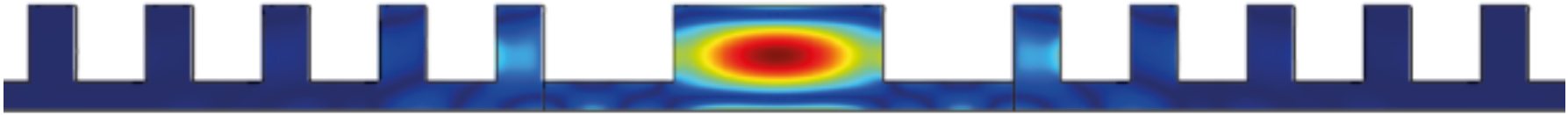

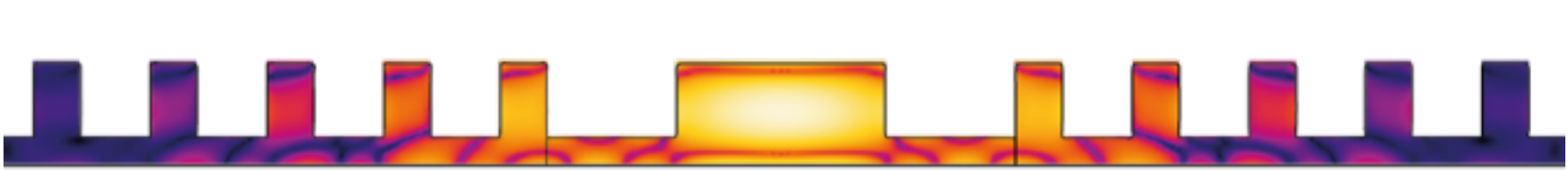

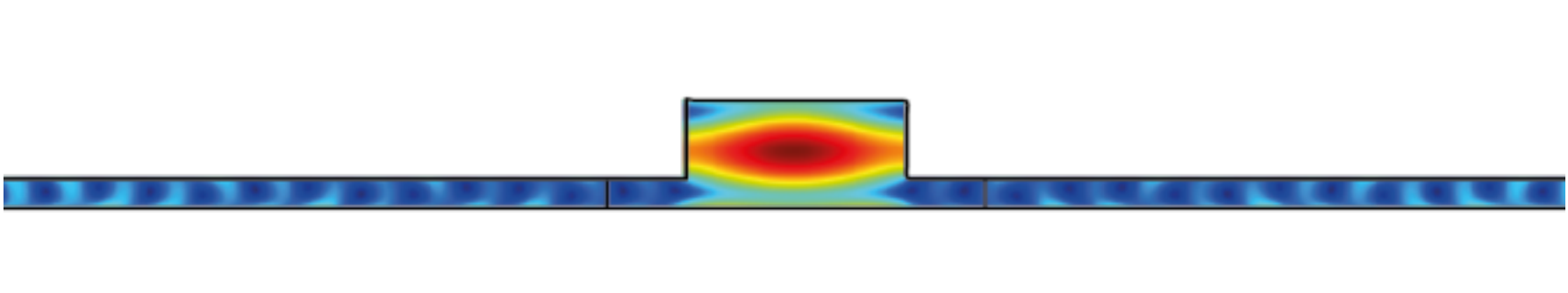

Discussion

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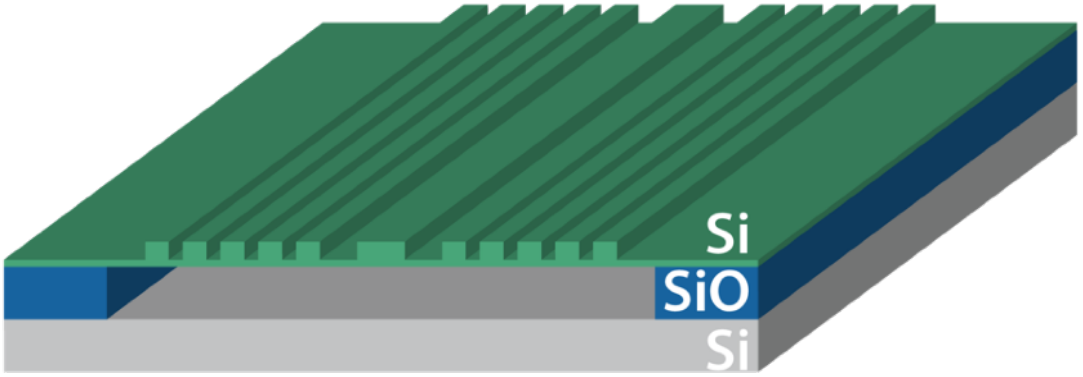
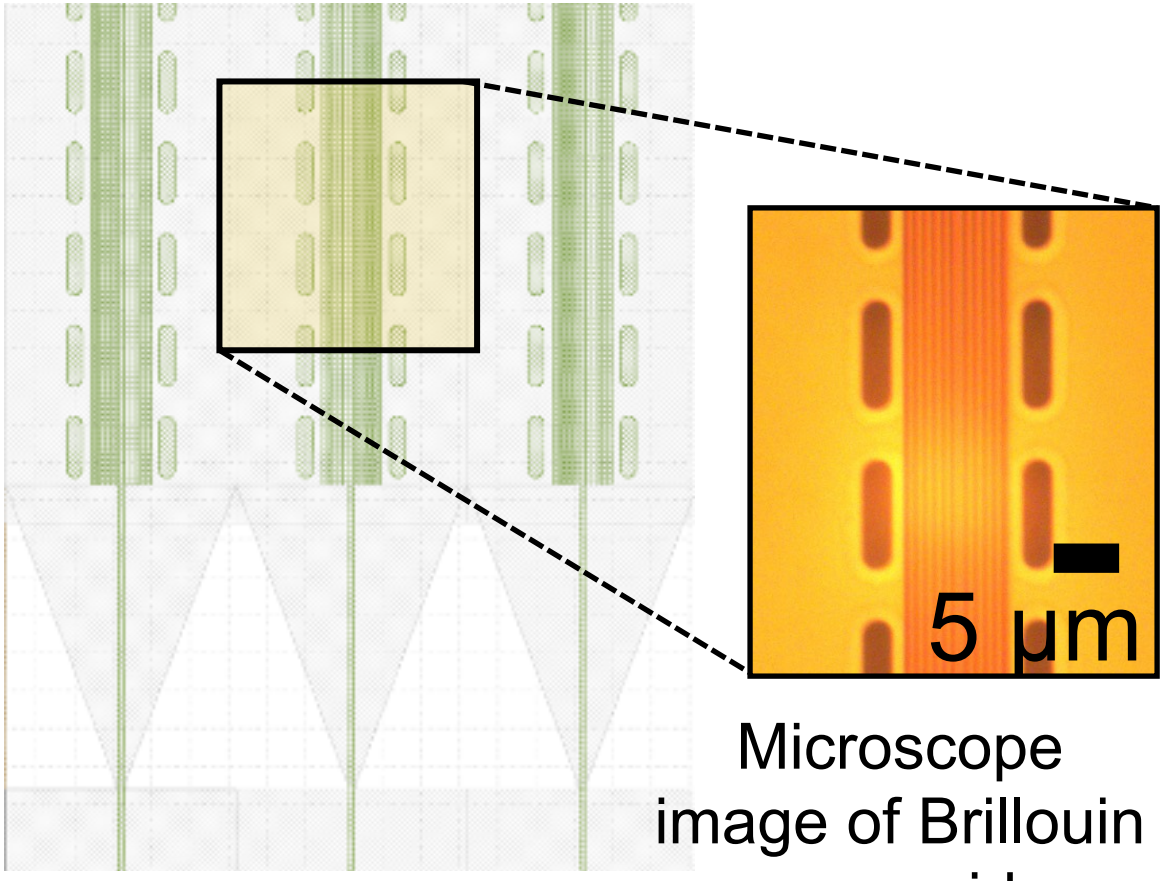
Wombat 2022, Erlangen, June 14th 2022. Gustavo Wiederhecker.

$$G_B/Q_m = 0.15\ (W.m)^{-1}$$

$$G_B/Q_m = 0.55\ (W.m)^{-1}$$



imec



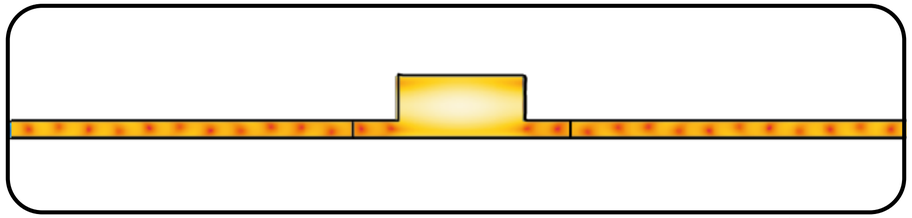
Microscope image of Brillouin waveguide

Mechanical Confinement: $\approx 4\times$ Larger Gain

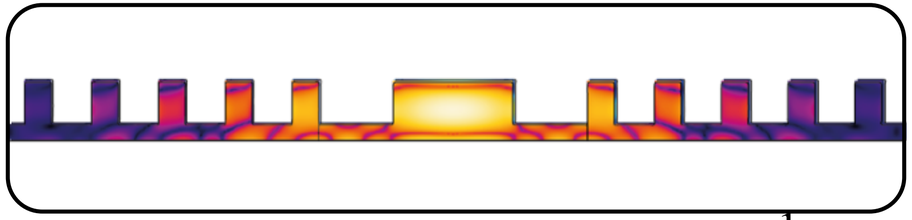
DOI: 10.5281/zenodo.4148337

Discussion

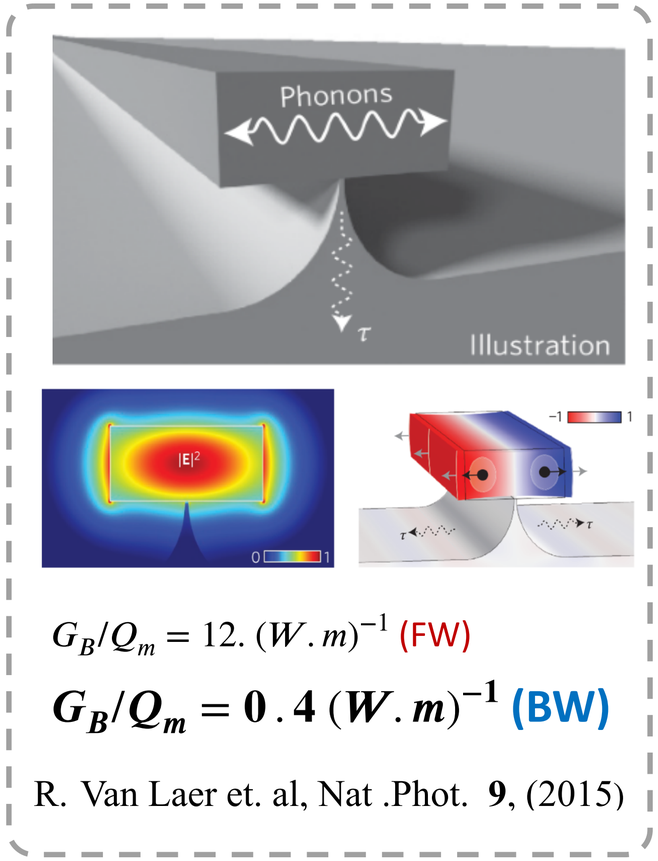
Mechanical Confinement: $\approx 4 \times$ Larger Gain



$$G_B/Q_m = 0.15\ (W.m)^{-1}$$



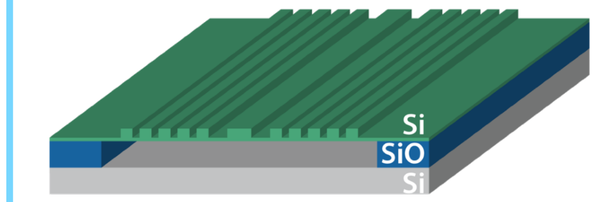
$$G_B/Q_m = 0.55\ (W.m)^{-1}$$



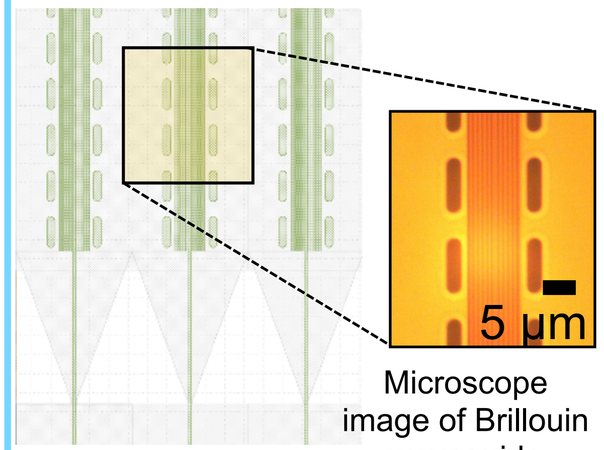
$G_B/Q_m = 12.\ (W.m)^{-1}$ (FW)

$\boldsymbol{G_B/Q_m = 0.4\ (W.m)^{-1}}$ **(BW)**

R. Van Laer et. al, Nat .Phot. **9**, (2015)



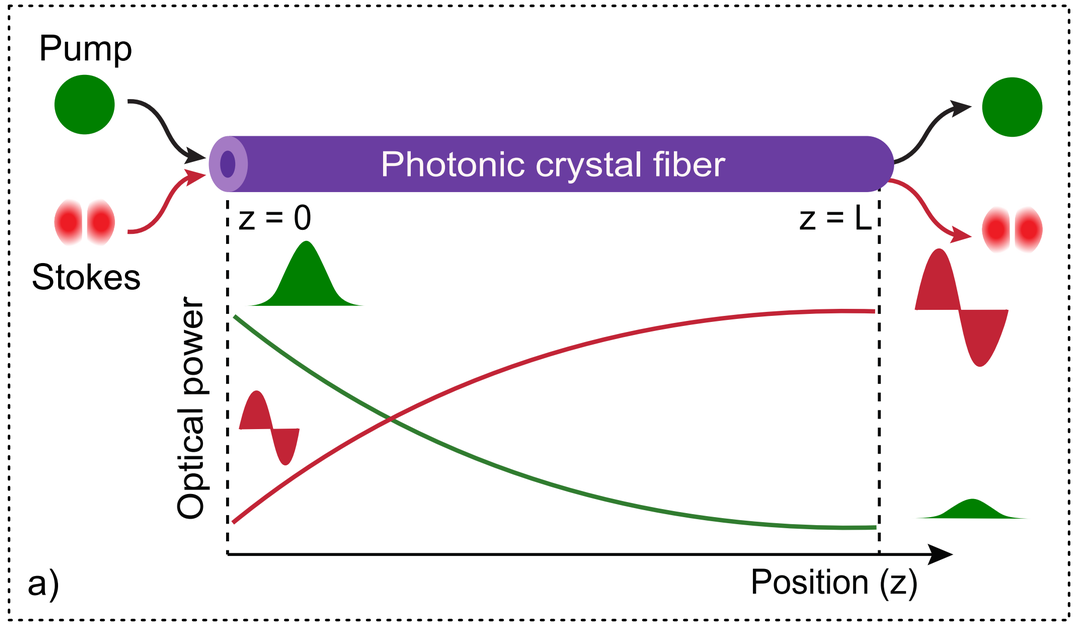
imec

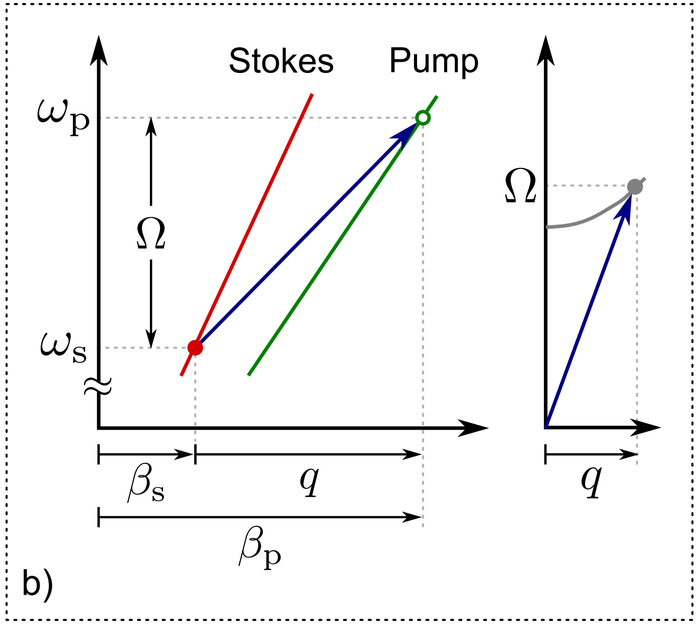


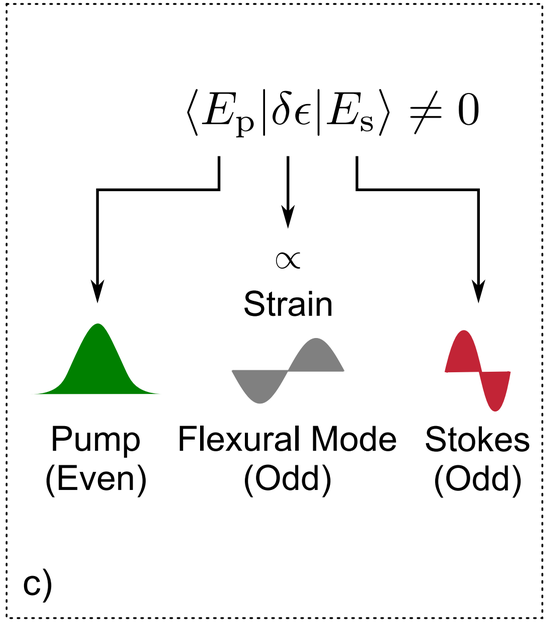
Microscope image of Brillouin waveguide

DOI: 10.5281/zenodo.4148337

SBS Mode-converter







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