



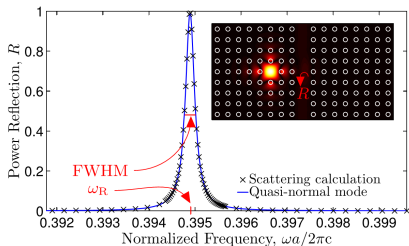
Roundtrip matrix method for calculating the leaky resonant modes of open nanophotonic structures

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$$R(\omega) = \frac{[\text{Im}(\tilde{\omega})]^2}{[\omega - \text{Re}(\tilde{\omega})]^2 + [\text{Im}(\tilde{\omega})]^2},$$

