lecture 8

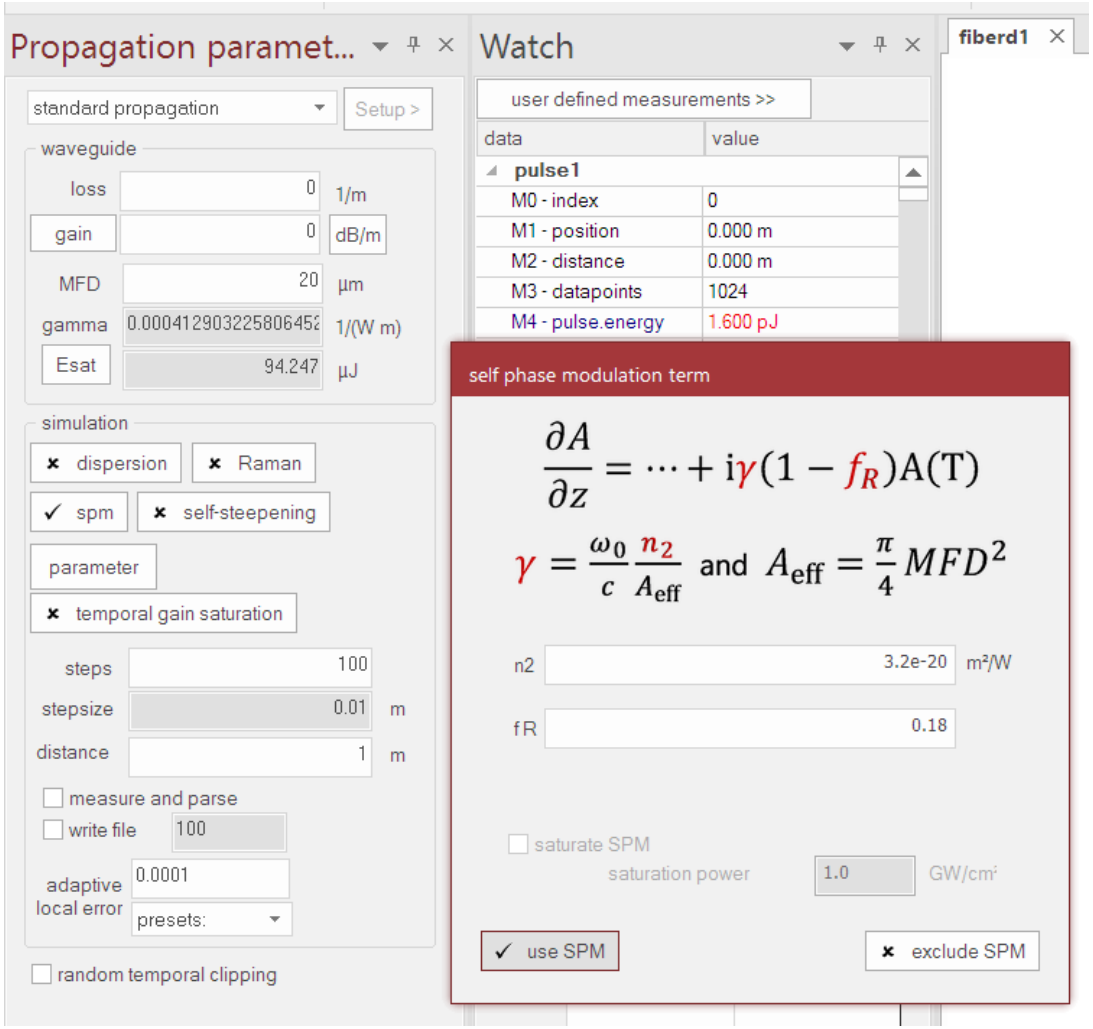
Nonlinear Optical Loop Mirror

lecture 8

Nonlinear Optical Loop Mirror

The loop shall be a single nonlinear element without dispersion.

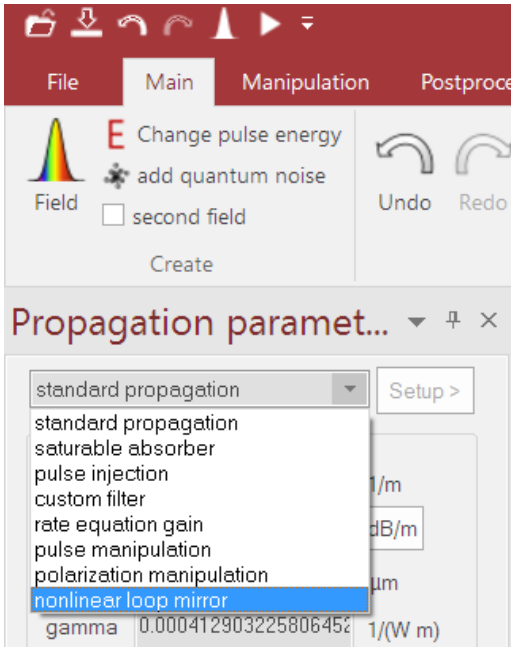
Save this element as testNOLM.ppf

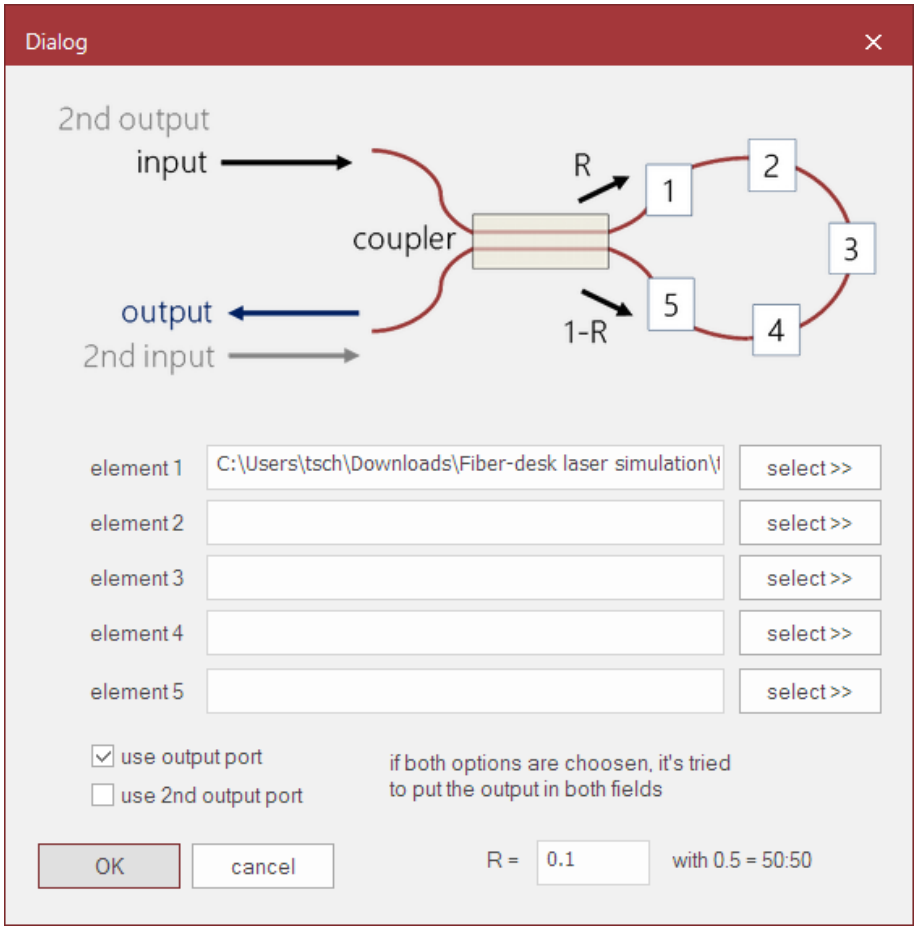


lecture 8

Nonlinear Optical Loop Mirror

Choose the NOLM element and start the setup dialog



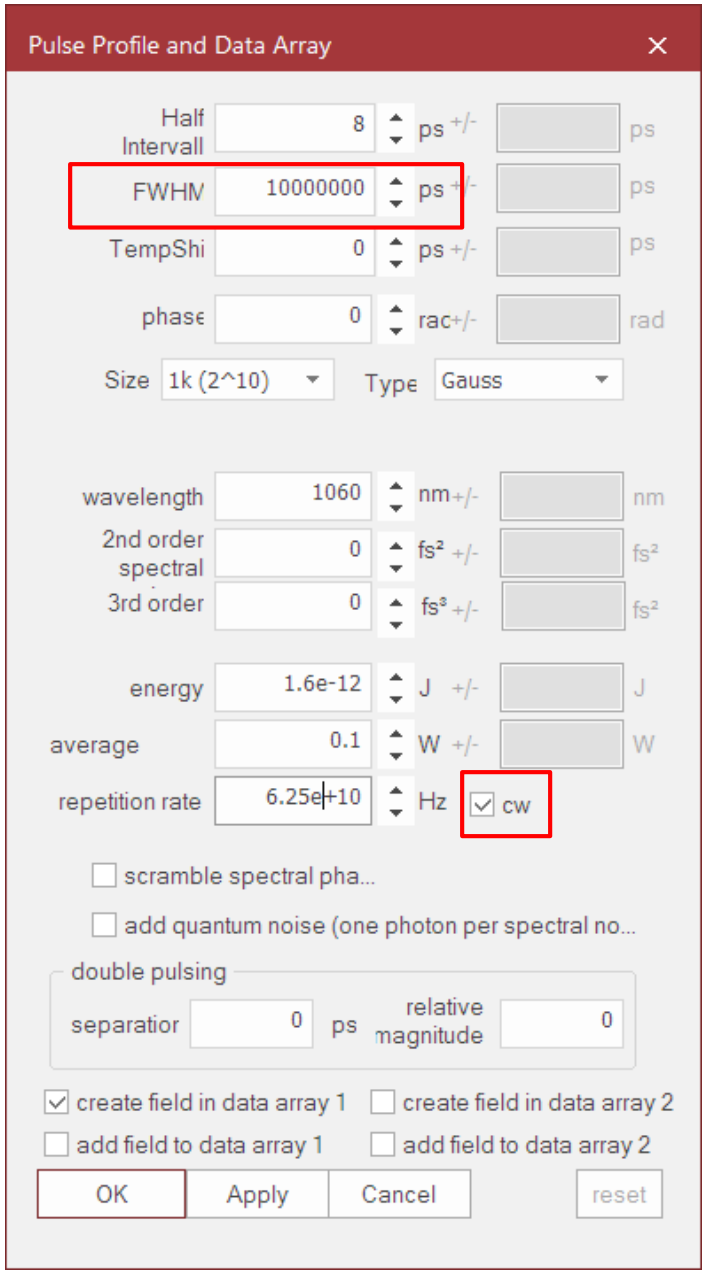


Select the previously saved file for the first element. The output will be the result.

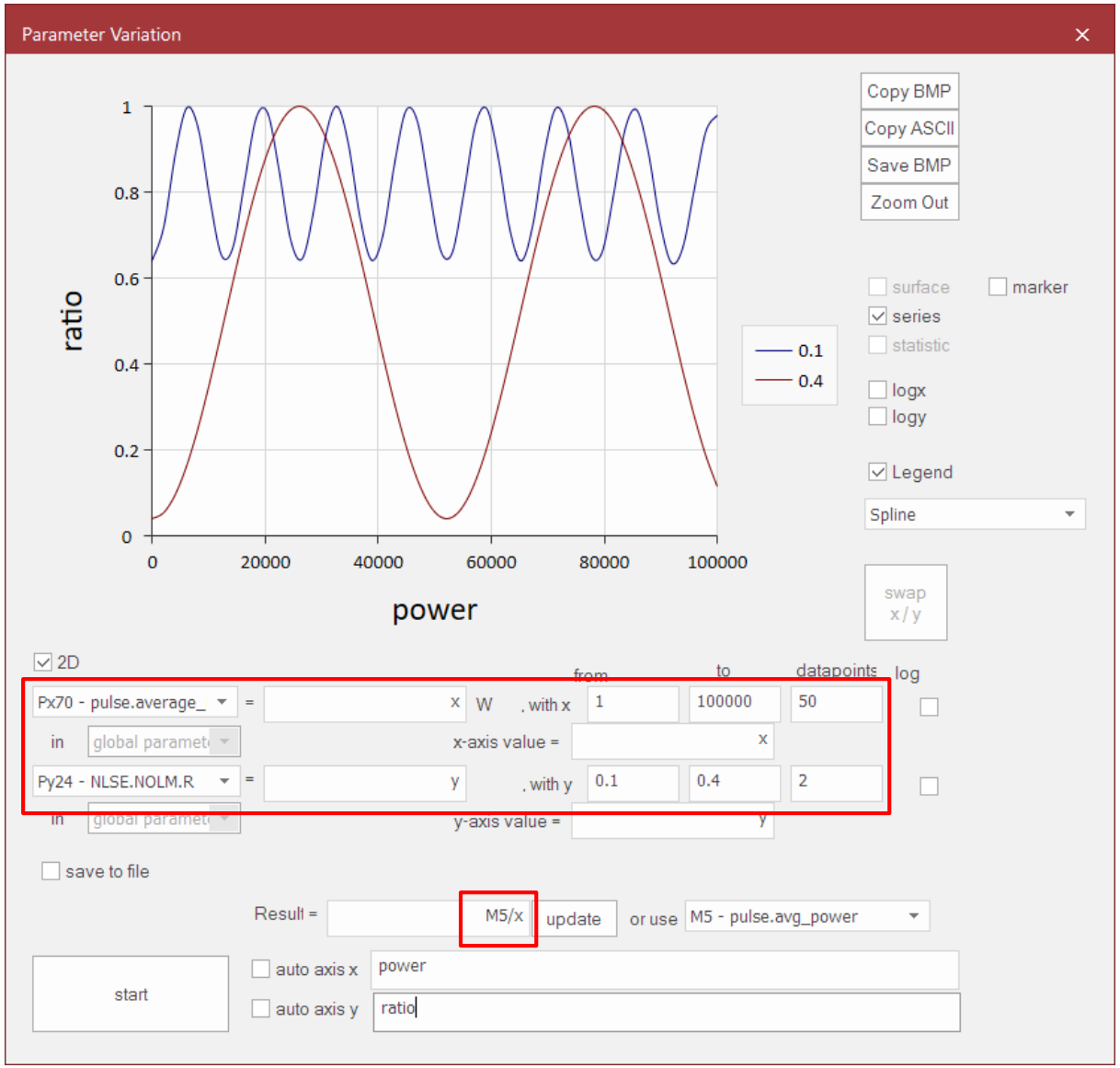
lecture 8

Nonlinear Optical Loop Mirror

In order to see the effect of the nonlinearity in the loop, please define a new pulse as „cw“ according to the settings here.



lecture 8



Now the power is varied in the parameter variation dialog as well as the splitting ratio. The displayed results is the output power over the input power.