

Abstract

This tutorial for VirtualLab™ gives an introduction to the Laser Resonator Toolbox. It shows how the session editor is used to set up a resonator. Further the computation of eigenmodes is discussed. Finally it is shown how the parameter run can be used to investigate the dependence of the eigenmode on parameters as the sizes of apertures.

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Keywords:	laser resonator, introduction, eigenmode, parameter run
Requirements:	VirtualLab™ version 4.5.0 or higher – Laser Resonator Toolbox
Scenario Version:	2.1
Files:	Corresponding files can be found here .

Technical Support

If you have any questions, remarks or problems concerning this tutorial, or in using VirtualLab™ in general, please do not hesitate to contact us by E-Mail support@lighttrans.com.

Please use the update service to install the current version of VirtualLab™. Alternatively you can use the latest **Trial Version** of VirtualLab™ which is available at our [download site](#). If you have been registered already for an older trial version, just contact us by [E-Mail](#).

To ensure that this tutorial gives the same results as described, set the global settings to the default values. In VirtualLab™ this can be done in the **Extras > Global Options** dialog with the **Reset All** button.