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Spectral Band-Pass Filtering to Reduce the Impact of Higher Order Dis- persion in Fibre-Based Laser Amplifiers

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High repetition rates in fiber-based laser systems can be achieved through multiplication in asymmetric Mach-Zehnder interferometers. We utilize a spectral band-pass filter to reduce the asymmetric dispersion that is accumulated in the different paths to increase the compressibility of the pulses.

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