**Revisions 7-27**

**Abstract**

‘… which will be necessary for some applications.’ ‘…which will be a useful post-processing step for applications that require high pulse energy, such as nonlinear spectral-broadening for $f-2f$ self-referencing, or finer spectral resolution than is natively provided by the high repetition-rate comb.’

**PM Pumping**

Revised eye diagram figure and corresponding caption.

Added blue text: ‘…, in this example the optical power must be increased by $\sim$15.6 dB relative to the case of phase modulation at $f\_{FSR}$.’

**Soliton Crystals**

‘We then add a second soliton $S\_+$ to the pulse train; this soliton is \textit{in phase} with the existing pulses and slightly temporally shifted from the vacancy.’

Removed ‘Also visible is suppressed comb generation where the comb-resonator detuning has been increased,’ in last paragraph of section 4.3, because actually it’s not so easy to see this in the figure.

‘When the measured experimental spectrum of a Kerr comb does not obviously correspond to a small number of solitons, then the existence of soliton crystal is indicated by simultaneous experimental measurement of: 1. A quiet repetition-rate tone when the spectrum of the photodetected power is analyzed, and 2. Single-FSR spacing in the spectrum.’