Publications:

Amplitude-modulated fiber-ring laser
Publication: Research - peer-review › Journal article – Annual report year: 2000

Effective nonlinearities and multi-wavelength second-harmonic generation in modulated quasi-phase-matching gratings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Effective nonlinearities in modulated QPM gratings
Publication: Research - peer-review › Journal article – Annual report year: 2000

Engineering of effective quadratic and cubic nonlinearities in two-period QPM gratings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Multi-wavelength and multi-colour temporal and spatial optical solitons
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Engineered nonlinear lattices
Publication: Research - peer-review › Journal article – Annual report year: 1999

Engineering competing nonlinearities
Publication: Research - peer-review › Journal article – Annual report year: 1999

Quasiperiodic Envelope Solitons
Publication: Research - peer-review › Journal article – Annual report year: 1999

Soliton Control by QPM Engineering
Publication: Research - peer-review › Journal article – Annual report year: 1999

Spatial solitons in quasi-phase matched structures
Publication: Research - peer-review › Book – Annual report year: 1999

Spatial solitons in quasi-phase matched struktures
Publication: Research › Ph.D. thesis – Annual report year: 1999

Spatial switching of quadratic solitons in engineered quasi-phase-matched structures [CBC2]
Publication: Research - peer-review › Journal article – Annual report year: 1999

Three-wave interaction in two-component quadratic nonlinear lattices
Publication: Research - peer-review › Journal article – Annual report year: 1999

Adiabatic shaping of quadratic solitons [CBC2]
Publication: Research - peer-review › Journal article – Annual report year: 1998

Impurity solitons with quadratic nonlinearities
Publication: Research - peer-review › Journal article – Annual report year: 1998
Passive mode locking by dissipative four-wave mixing
Publication: Research - peer-review › Journal article – Annual report year: 1998

Stationary solutions and self-trapping in discrete quadratic nonlinear systems
Publication: Research - peer-review › Journal article – Annual report year: 1998

Effect of a fluctuating phase mismatch on spatial solitons in quadratic media [CBC1]
Publication: Research - peer-review › Journal article – Annual report year: 1997

Induced Kerr effects and self-guided beams in quasi-phase-matched quadratic media [CBC4]
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Perturbative approach to the interaction of solitons in quadratic nonlinear media [CBC2]
Publication: Research - peer-review › Journal article – Annual report year: 1997

Self-Focusing, Switching, and Spatial Solitons in Quasi-Phase-Matched Quadratic Media [CBC4]
Publication: Research › Journal article – Annual report year: 1997

Spatial Solitons and Induced Kerr Effects in Quasi-Phase-Matched Quadratic Media
Publication: Research - peer-review › Journal article – Annual report year: 1997

The effects of a Fluctuating Phase Mismatch on Self-guided Beams in Quadratic Media [CBC5]
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Ellipse rotation in a stochastic fiber.
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Polarization sensitivity of the nonlinear amplifying loop mirror. [CBC1]
Publication: Research - peer-review › Journal article – Annual report year: 1996

The effect of a fluctuating phase mismatch on self-guided beams in quadratic media.
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Homoclinic chaos in the discrete self-trapping trimer
Publication: Research - peer-review › Journal article – Annual report year: 1995

Projects:

ikke-lineær dynamisk modellering af optiske komponenter med stokastiske egenskaber
Project: PhD

Nonlinear optics
Project