

## other peer-reviewed publications

### 2001

G.Tempea, R.Holzwarth, A.Apolonski, T.W.Hänsch, F.Krausz.

#### **Phase-controlled few-cycle light**

In a book: *Ultrafast lasers*, ed.by M.E.Fermann, A.Galvanauskas, G.Sucha. M. Dekker, Inc. 2001. ISBN:0-8247-0841-5.

### 2000

A.A.Apolonsky, S.A.Babin, S.I.Kablukov, R.V.Markov, A.I.Plekhanov, A.M.Shalagin.

#### **Lasing on the D<sub>2</sub> line of sodium in a helium atmosphere due to optical pumping on the D<sub>1</sub> line (up-conversion).**

*Phys. Rev. A* **61** 033408 (2000).

A.Klug, K.Schulze, U.Hinze, A.Apolonskii, E.Tiemann, B.Wellegehausen.

#### **Frequency stable I<sub>2</sub> Raman laser excited by a cw frequency doubled monolithic Nd:YAG laser.**

*Opt. Commun.* **184** 215 (2000).

A. Apolonski, A. Poppe, G. Tempea, Ch. Spielmann, Th. Udem, R. Holzwarth, T. W. Hänsch, F. Krausz.

#### **Experimental access to the absolute phase of few-cycle light pulses.**

*Phys.Rev.Lett.* **85** 740 (2000).

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#### **Polarization properties of multiphoton processes in quantum systems with large angular momentum.**

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### 1998

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*Phys. Rev. A* **55** 661 (1997).

A. Apolonskii, S. Balushev, U. Hinze, E. Tiemann, B. Wellegehausen.

**Continuous frequency up-conversion in a double- $\Lambda$  scheme of  $\text{Na}_2$ .**

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A.A.Apolonskii, V.P.Drachev, Yu.I.Krasnikov, S.V.Perminov.

**Phase characteristics of pulses from Nd:YAG laser with active mode locking.**

*Quantum Electronics*, **27**(11) 968 (1997).

A.A.Apolonskii, V.P.Drachev, K.P.Komarov, A.S.Kuch'yanov, S.V.Perminov.

**Stability and changes in pulse generation in actively mode-locked solid-state lasers.**

*Quantum Electronics*, **27**(6) 509 (1997).

A.A.Apolonskii, V.I.Baraulya, F.F.Zinnatov, E.I.Zinin.

**Actively mode-locked Ti:sapphire laser.**

*Quantum Electronics*, **27**(9) 756 (1997).

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**Saturation parameter and output power in argon laser.**

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