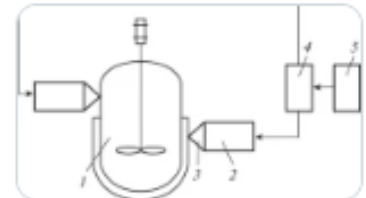


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### **Cavitation Technologies for Deep Processing of Lignocellulosic Biomass**

I. A. Kozlov & V. A. Mamonov

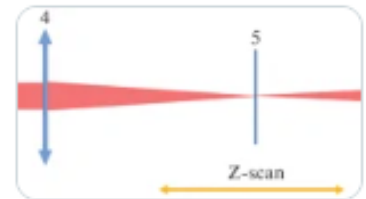
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### **Truth in Nonlinearity: Measurement of $n_2$ and Multiphoton Absorption Coefficients in Fused Silica from 420 to 1600 nm**

P. A. Danilov, C. Zhu ... M. S. Kovalev

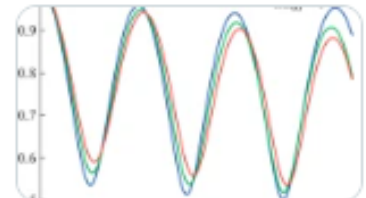
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### **Analytical Investigation of q-Gaussian Beam Propagation in Cold Quantum Plasma with Absorption Effects**

Keshav Walia

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### **Terahertz Generation in Collisional Plasma: A Comparative Study of Slanted Density Profiles Using Radially Polarized q-Gaussian Laser Beams**

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