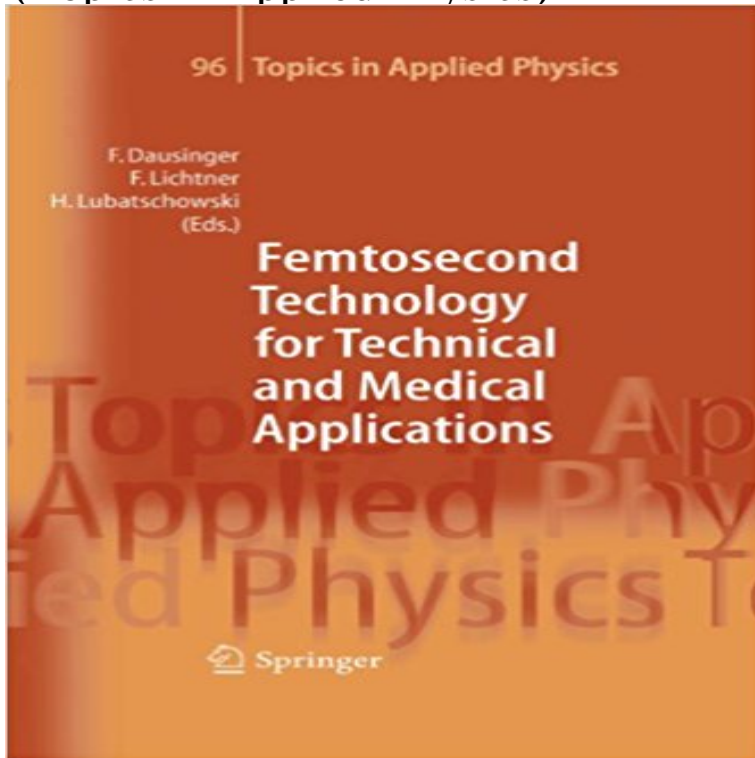


# Femtosecond Technology for Technical and Medical Applications (Topics in Applied Physics)



A comprehensive overview of the principles and applications of femtosecond lasers, especially applied to medicine and to production technology. The advantages and problems of ultrashort laser pulses are discussed in more detail in the context of applications in the micro-machining of technical materials such as drilling, surface structuring and cutting, in medical use like dental, ophthalmologic, neurological and otolaryngological applications, in metrology, and in the generation of x-rays. Safety aspects are also considered.

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