



ΕΙΧΗΜΥΘ-ΙΤΕ

ΣΕΜΙΝΑΡΙΟ

- ΟΜΙΛΗΤΗΣ:** David M. Bishop
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- ΘΕΜΑ:** Recent Advances in the Calculation of Vibrational
Hyperpolarizabilities
- ΤΟΠΟΣ:** Αίθουσα Σεμιναρίων ΕΙΧΗΜΥΘ-ΙΤΕ
- ΗΜΕΡΟΜΗΝΙΑ:** 23 Μαρτίου 2000
- ΩΡΑ:** 12:00

ΠΕΡΙΛΗΨΗ

The effects of vibration in nonlinear optical processes are currently being studied in a variety of ways for molecules in the gas phase. The governing property is the vibrational hyperpolarizability. Its occurrence can be interpreted in more than one way and there has been some confusion. Connections between different methods of calculation and examples of errors incurred by some approximations will be demonstrated.