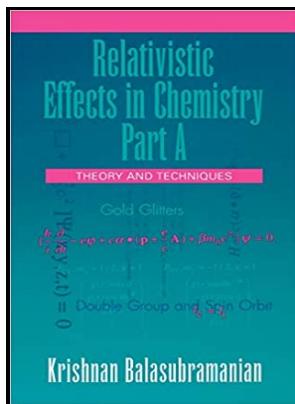


# Group theoretical techniques in quantum chemistry

Academic Press - Purdue Quantum Science and Engineering Institute



Description: -

- Lawrence of Arabia (Motion picture)
- Quantum chemistry. Group theoretical techniques in quantum chemistry

- Theoretical chemistry (London, England : 1965) -- v. 5
- Theoretical chemistry, a series of monographs -- v. 5 Group theoretical techniques in quantum chemistry

Notes: Includes bibliographies and index.  
This edition was published in 1976



Filesize: 68.64 MB

Tags: #DiStasio #Research #Group

## Profile

My research group typically consists of undergrads, grad students and postdocs.

### The Berkelbach Group at Columbia University and the Flatiron Institute

Au and Ag nanoclusters exhibit discrete excitation and emission due to being composed of only a few atoms.

### Purdue Quantum Science and Engineering Institute

We engineer light-matter interactions and employ highly excited Rydberg states to create large optical non-linearity, which leads to exotic states of light required for many different quantum technologies based on photons. Can Dark Matter interact with us? Krishnan Raghavachari was born in Madras now Chennai in India in 1953.

### The Berkelbach Group at Columbia University and the Flatiron Institute

DALTON has already been used to calculate properties of molecules consisting of more than 1 000 atoms, and in a few years we expect this limit to be above 10 000 atoms. How do we do that? In these systems, the interaction between photons and emitters can be much stronger than in a homogenous environment, leading to a number of phenomena such as spontaneous lifetime reduction and coherent quantum dynamics that could lead to controlled entanglement of several emitters. Such ab initio tools can be compared to the functions of a calculator.

---

## Related Books

- [Provincial programmes of aid to university students, 1957-58 to 1960-61.](#)
- [Baby Zoo Animals \(Happytime Series : No S871-1\)](#)
- [Review of the quality and supply of tourist accommodation in Northern Ireland.](#)
- [Elizabeth I - translations](#)
- [Insolvencias punibles en la encrucijada del derecho penal y del derecho mercantil - tras la aprobaci](#)