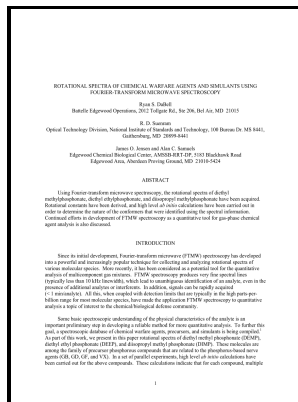


# Introduction to microwave spectroscopy.

## G. Newnes - Microwave Spectroscopy



Description: -

-

Military art and science -- History -- Medieval, 500-1500 --

Handbooks, manuals, etc.

Military art and science -- Byzantine Empire -- Handbooks, manuals, etc.

Military art and science -- Handbooks, manuals, etc.

Secret service -- Russia (Federation)

Intelligence service -- Russia (Federation)

Federal'naiâ sluzhba bezopasnosti Rossii.

Microwave spectroscopyIntroduction to microwave spectroscopy.

-Introduction to microwave spectroscopy.

Notes: Includes bibliography.

This edition was published in 1963



Filesize: 35.58 MB

Tags: #Microwave #Spectroscopy

## Microwave Spectroscopy

Iinnveerrssiioonn eenneerrggyy ~ 2233000000 MMHHz ' hh JJss ddeeppeennndss sslligghhtllyy oonn roottaattiioonnaall eenneerrggyy.

## Microwave Spectroscopy

If the unique rotational axis has a greater inertia than the degenerate axes the molecule is called an oblate symmetrical top.

## Microwave Rotational Spectroscopy

The only difference is there are now more masses along the rotor. .

## Microwave Spectroscopy

This is due to the quantized break down of energy levels in a molecule described by quantum mechanics. This distribution makes it so that the absorption peaks that correspond to the transition from the energy state with the largest population based on the Boltzmann equation will have the largest absorption peak, with the peaks on either side steadily decreasing. HH-FF aattoommss aarree ppuussheedd aappaartt aatt hhiigheerr roottaattiioonnaall sspeeceedd byy cceennttriifuggaall floorrce.

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