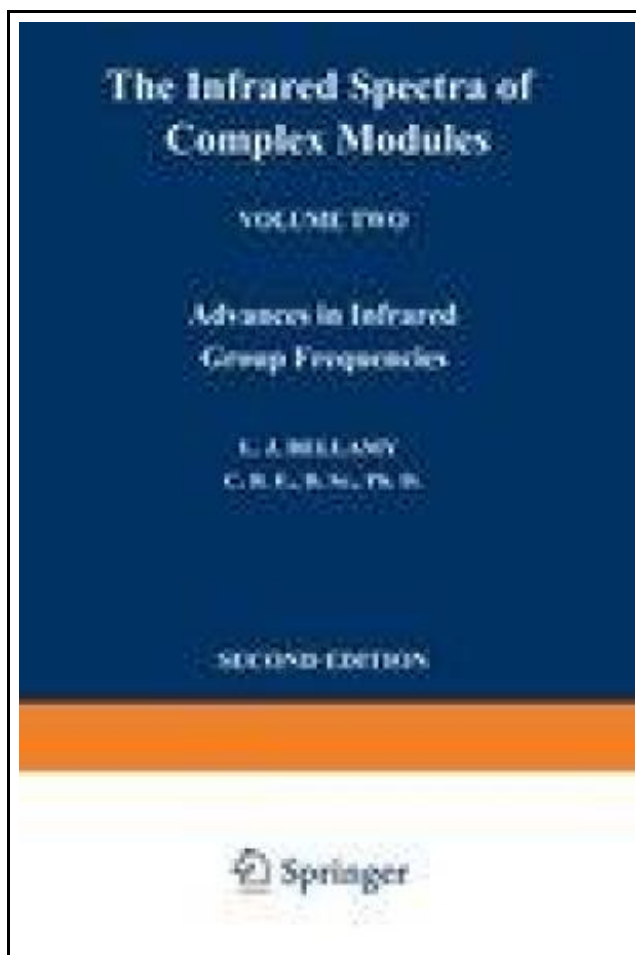


The Infrared Spectra of Complex Molecules



Filesize: 3.89 MB

Reviews

Thorough manual for publication fanatics. It is actually rally intriguing throgh reading through period of time. Its been written in an remarkably simple way and is particularly only after i finished reading through this book in which actually transformed me, change the way i think.
(Morris Schultz)

THE INFRARED SPECTRA OF COMPLEX MOLECULES

DOWNLOAD



Springer Feb 2012, 2012. Taschenbuch. Book Condition: Neu. 229x152x16 mm. This item is printed on demand - Print on Demand Neuware - Inhaltsangabe1 Alkanes.- 1.1. Introduction.- 1.2. CH₃ stretching frequencies.- 1.3. CH₂ stretching frequencies.- 1.4. The symmetric methyl deformation frequency.- 1.5. The CH₂ deformation frequency.- 1.6. Skeletal vibrations.- 1.6.1. CH₂ wagging, twisting and rocking modes.- 1.6.2. Other skeletal modes.- 2 Alkenes and Vibrations of C=N and N=N Links.- 2.1. The C=C stretching frequency.- 2.1.1. Bond-angle effects.- 2.1.2. Fluorinated hydrocarbons (rings).- 2.1.3. Oxygenated ring systems.- 2.1.4. Conjugation effects in rings.- 2.1.5. Fused ring systems.- 2.2. C=C Frequencies in open chains.- 2.2.1. The effects of attachment to elements other than carbon.- 2.2.2. Fluorine substitution in open chains.- 2.2.3. Conjugation effects on double bonds in open chains.- 2.2.4. The effects of cloud interactions.- 2.2.5. Deuterium substitution.- 2.3. CH stretching vibrations of olefines.- 2.3.1. In-plane CH deformations in alkenes.- 2.3.2. CH out-of-plane deformation vibrations.- 2.3.3. CH out-of-plane twisting vibrations.- 2.3.4. The CH₂= wagging mode.- 2.4. The C=N stretching frequency.- 2.5. The N=N stretching frequency.- 3 X=Y=Z Systems and Triple Bonds.- 3.1. Introduction, multiple bond systems.- 3.2. Isothiocyanates.- 3.3. Thiocyanates.- 3.4. Isocyanates.- 3.5. Azides.- 3.6. Carbodi-imides.- 3.7. Diazo compounds.- 3.8. Alkenes.- 3.8.1. The C=C=C stretching vibration (as).- 3.8.2. The CH₂ deformation of alkenes and its overtone band.- 3.9. Factors controlling the stretching frequencies of triple bonds.- 3.9.1. Nitriles.- 3.10. Isonitriles.- 3.11. Alkynes.- 3.11.1 CH stretching frequencies in monosubstituted alkynes.- 3.11.2. ν C=C stretching frequencies.- 3.11.3. The CH= deformation frequency.- 4 Unassociated XH Vibrations.- 4.1. Introduction.- 4.2. Changes in XH stretching frequencies following alterations in the X Element.- 4.3. Changes in XH stretching frequencies with alterations in the Substituents at X.- 4.4. ν OH stretching frequencies.- 4.4.1. OH attached to carbon.- 4.4.2. OH attached to nitrogen.- 4.4.3. ν OH with oxygen attached to other elements.- 4.5. ν NH stretching frequencies.-...



[Read The Infrared Spectra of Complex Molecules Online](#)



[Download PDF The Infrared Spectra of Complex Molecules](#)

You May Also Like



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Save eBook »](#)



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Save eBook »](#)



Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2005 Pages: 815 Publisher: the Chinese teenager Shop Books all book....

[Save eBook »](#)



By the Fire Volume 1

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 130 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. By the Fire is an exciting new Bi-Monthly publication featuring new works by...

[Save eBook »](#)



Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2012-09-01 Pages: 160 Publisher: the Jiangxi University Press Welcome Salan. service...

[Save eBook »](#)

**Read Write Inc. Phonics: Green Set 1 Storybook 3 Six Fish (Paperback)**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 197 x 78 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Save Document »](#)

**First Fairy Tales**

Board book. Book Condition: New. Not Signed; This is a traditional story that is retold in rhyme in this chunky padded boardbook. When a couple of tailors offer to make a suit from material so

[Save Document »](#)

**Just So Stories**

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 114 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.The Just So Stories for Little Children were written by British author Rudyard

[Save Document »](#)

**Read Write Inc. Phonics: Green Set 1 Storybook 2 My Dog Ned (Paperback)**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Save Document »](#)

**Summer the 25th anniversary of the equation (Keigo Higashino shocking new work! Lies and true Impenetrable(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: Unknown in Publisher: Modern Publishing Basic information Original Price: 28.00 yuan

[Save Document »](#)