

Reasoning Analysis of the Molecular Rearrangement and σ Key migration are False Appearances

Ruishi Fang

Wuhu fourth people's hospital, Wuhu, Anhui, China, (Zip code: 241002)

E-mail: ruishi_fang@aliyun.com fang_86@sina.cn Tel: 13855330241

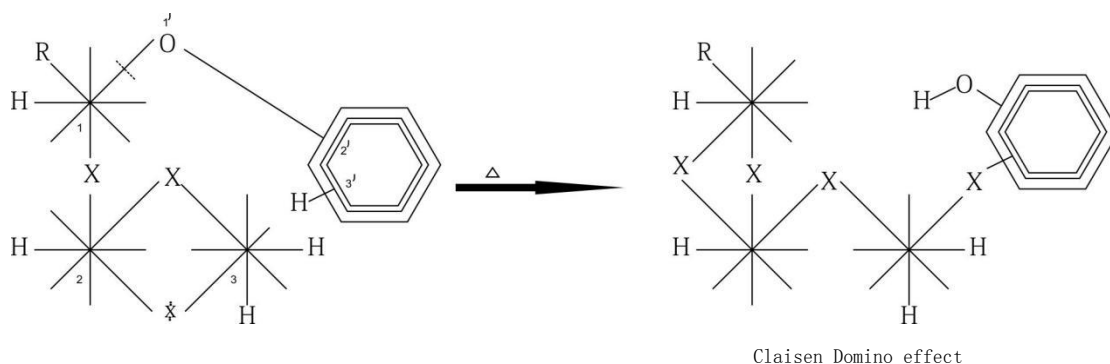
Abstract

Successful realization of nuclear magnetic resonance proves that hydrogen is a small magnet among the compound and its electron cloud is ring-shaped instead of ball-shaped, it denies the possibility that spherical electron clouds overlap to form a covalent bonds. On the other hand, if the electron s and p of the multi-electron atom are analyzed based on the principle of minimum repulsion, their electron clouds are also ring-shaped instead of ball-shaped or dumbbell-shaped. We called it electron wave ring or wave ring. The atomic wave ring structure can explain structure of methane and benzene perfectly. By the method of logic reasoning, solve the various problems.

By analyzing the atomic wave ring structure, it can be seen that basic principles of the conjugate dienes addition reaction, cyclization reaction, cyclization addition reaction, molecular rearrangement and σ key migration is the domino effect. The molecular rearrangement and σ key migration are false appearances. This paper describes transfer process between single-bond and double-bond and proves existence of the atomic wave ring structure powerfully.

Molecular design and application: For example, molecules contain the double bonds. First of all, write it wave ring structured, then, by using the principle the domino effect, analysis under the condition of heat or light, double bond of the changes. According to the variation of double bond, select qualified molecular addition or cyclization. generate new organic compounds. Test wave ring theory can apply this method.

This article is based on the nuclear magnetic resonance and repulsion minimum principle, deduced the wave ring structure of the atom. There is a scientific basis, not imagined.



Key words: electron wave ring ring thimble domino effect

推理分析分子重排和 σ 键迁移是虚假现象

方瑞士

中国安徽芜湖市第四人民医院 241002

E-mail: ruishi_fang@aliyun.com fang_86@sina.cn

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Ruishi Fang

Wuhu fourth people's hospital, Wuhu, Anhui, China, (Zip code:241002)

E-mail: ruishi_fang@aliyun.com fang_86@sina.cn Tel: 13855330241

摘要:核磁共振的成功实现证明氢在化合物中是一个小磁体, 它的电子云是环形, 而不是球形, 它否认了球形电子云重叠形成共价键的可能性. 另一方面, 用斥力最小原理分析多电子原子中的 s 和 p 电子, 它们的电子云也是环形, 而不是球形和哑铃形. 我们叫它电子波环, 或波环. 原子波环结构可以完美地解释甲烷, 苯和乙烯等的分子结构. 并用逻辑推理的方法解决各种难题.

用原子的波环结构分析, 可以看到共轭二烯烃加成反应, 环化反应, 环化加成反应, 分子重排和 σ 键迁移的基本原理是多米诺效应. 分子重排和 σ 键迁移是虚假现象. 这篇文章阐述了单键和双键之间的转化过程, 有力地证明了原子波环结构的存在.

分子的设计和应用: 例如, 分子含有双键, 首先, 写出它的波环结构式, 然后, 用多米诺效应原理分析在加热或光照条件下双键的变化, 按照双键的变化选择合适的分子进行环化或加成, 得到新的有机化合物. 这篇文章运用核磁共振和斥力最小原理推导出原子的波环结构, 是有科学依据的, 不是想象的.

关键词: 电子波环 环套环 多米诺效应

Introduction

It is a generally acknowledged that chemical theory is behind the practice. The hypothesis that electron clouds overlap into bond under theory of the organic chemistry breaches the principle of electron repulsion. So it cannot solve problems on organic molecular structure truly.

In daily life, we can catch a sight of one red ring when a red particle is in rapid circular motion. Therefore, when an individual electron spins round nucleus, since electron orbit keeps changing in angle and direction, accordingly, innumerable rings have come into being outside nucleus. In addition, since electron has wave feature, therefore, these rings keep changing in size and form. In a word, regardless of how many rings come into being and no matter how these rings change in size and form, they evolve from one ring. The dense area of intercrossing and overlapping of innumerable wave rings is electron cloud mentioned in modern chemistry, such as 1s, 2p, 3d electron cloud of hydrogen.

Success of NMR proves that hydrogen atom in compound is a small magnet; its

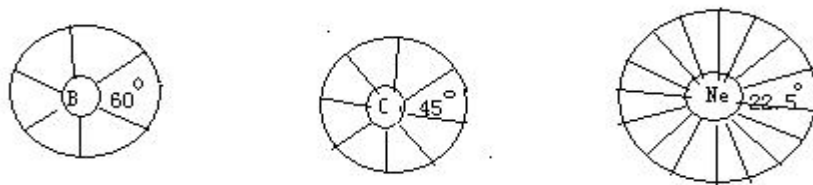
extranuclear electron cloud is cycle other than sphere, in other word, a cyclic electron flow is around hydrogen nucleus in compound. Consequently, 1s, 2p, 3d electron cloud of hydrogen can only exist in isolated hydrogen atom. It denies the possibility that spherical electron clouds overlap to form a covalent bonds.

reasoning

How do electrons motion in multiple-electron atom? When individual electron on the same plane and same energy layer spins round nucleus, innumerable rings have come into being and these innumerable rings intercross and overlap to generate a compact electron ring, we refer to it as electron wave ring (EWR) or wave ring (WR).

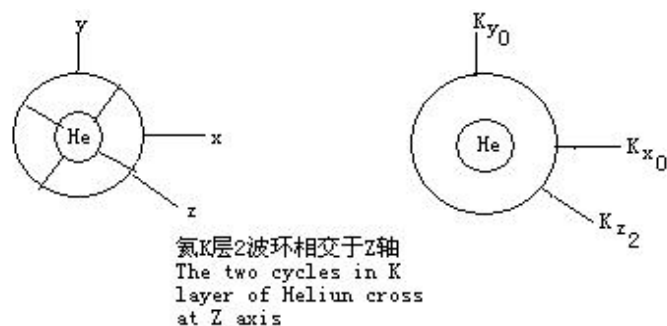
According to principle of least repulsion, when two electrons with the same energy level are in motion around nucleus on two mutual parallel and adjacent planes, from which the repulsion generated is the largest. When they are in motion around nucleus on two mutual perpendicular planes, from which the repulsion generated is the least. By consequence, the two electrons of helium atom are in motion around nucleus on two mutual perpendicular planes to generate two electron wave rings perpendicular and crossed with each other. In case of crossing of 3, 4, 5, 6, 7, 8 electron wave rings, in order to ensure equal repulsion between every two wave rings, the included angle between every two adjacent wave rings shall be 60° , 45° , 36° , 30° , 25.7° , 22.5° .

Octet Rule of "Lewis Structure" has nothing to do with atomic diameter size, related to the Angle between the electronic wave ring. Here, also have disclosed the existence of atomic wave ring structure. In other words, the included angle between every two adjacent wave rings shall be no smaller than 22.5° .

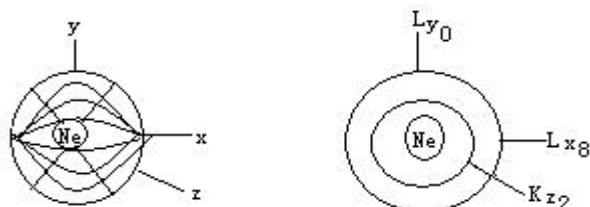


It is observed from the above mentioned analysis that the electron cloud in multiple-electron atom is also ring other than sphere and dumbbell in shape. Accordingly, the electron cloud in multiple-electron atom exists in the form of wave ring.

Reasoning 1. Two wave rings of helium atom are perpendicular and crossed with each other, its two cross points make up of two poles of helium atom, namely Z axis.

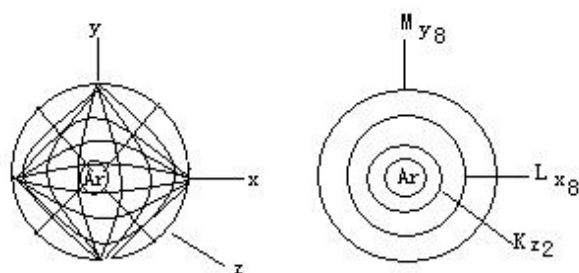


Reasoning 2. Regarding neon atom, the two wave rings in its inner layer are also perpendicular and crossed with each other, along having its two poles, the 8 wave rings in its outer layer also cross at two poles. It is observed from principle of least repulsion that it is impossible for the two poles of wave ring in inner layer to cross with two poles of wave ring in outer layer, supposing that two wave rings in inner layer cross at Z axis, then, 8 wave rings can only cross at X axis.



氖K层2波环相交于z轴, L层8波环相交于x轴
The two cycles in K layer of Neon cross at Z axis, The eight cycles in L layer of Neon cross at X axis

Reasoning 3. Argon atom is in third cycle, having an additional M layer, 8 wave rings in M layer can only cross at Y axis.



氩K层2波环相交于Z轴, L层8波环相交于x轴, M层8波环相交于y轴
The two cycles in K layer of Argon cross at Z axis, The eight cycles in L layer of Argon cross at X axis, The eight cycles in M layer of Argon cross at y axis

Reasoning 4. The basic law of extranuclear electron filling can be speculated based on crossing pattern of every wave ring of argon atom, namely there are two electrons filled in electron shell in Z axis at most, if previous main electron shell is fully filled in Z axis, then, next main electron shell shall start to be filled with electron from X axis, if X axis is fully filled with 8 electrons, then Y axis shall start to be filled with electron, if Z, X, Y axes are fully filled with electrons, Z axis shall start to be filled with electron again in such circle to enhance its reticulate electron shell layer by layer in succession, electron configurations in every axis in every cycle of chemical elements are given as follow:

- (1) Cycle: Kz_2
- (2) Cycle: $Kz_2; Lx_8$
- (3) Cycle: $Kz_2; Lx_8; My_8$

- (4) Cycle: $Kz_2; Lx_8; My_8 \cdot z_2 \cdot x_8; Ny_8$
 (5) Cycle: $Kz_2; Lx_8; My_8 \cdot z_2 \cdot x_8; Ny_8 \cdot z_2 \cdot x_8; Oy_8$
 (6) Cycle: $Kz_2; Lx_8; My_8 \cdot z_2 \cdot x_8; Ny_8 \cdot x_8 \cdot y_8 \cdot x_8; Oy_8 \cdot z_2 \cdot x_8; Py_8$
 (7) Cycle: $Kz_2; Lx_8; My_8 \cdot z_2 \cdot x_8; Ny_8 \cdot x_8 \cdot y_8 \cdot x_8; Oy_8 \cdot x_8 \cdot y_8 \cdot x_8 \cdot y_8 \cdot z_2 \cdot x_8$
 $Py_8 \cdot z_2 \cdot x_8; Qy_8$

Reasoning 5. Based on the sequence of electron number in the outmost layer of atom, electron number configurations in every axis in every cycle of chemical element are as follow:

- (1) Cycle: K Layer Z axis: H1, He2
 (2) Cycle: L layer X axis: Li1, Be2, B3, C4, N5, O6, F7, Ne8
 (3) Cycle: M Layer Y axis: Na1, Mg2, Al3, Si4, P5, S6, Cl7, Ar8
 (4) Cycle: M layer Z axis: K1, Ca2
 M Layer X axis: Sc1, Ti2, V3, Cr4, Mn5, Fe6, Co7, Ni8
 N Layer Y axis: Cu1, Zn2, Ga3, Ge4, As5, Se6, Br7, Kr8
 (5) Cycle: N Layer Z axis: Rb1, Sr2
 N Layer X axis: Y1, Zr2, Nb3, Mo4, Te5, Ru6, Rh7, Pd8
 O Layer Y axis: Ag1, Cd2, In3, Sn4, Sb5, Te6, I7, Xe8
 (6) Cycle: N layer Z axis: (Lack)
 N Layer X axis: (Cs1) (Cs2) Cs3, Ba4, La5, Ce6, Pr7, Nd8
 O Layer Y axis: Pm1, Sm2, Eu3, Gd4, Tb5, Dy6, Ho7, Er8
 O Layer Z axis: Tm1, Yb2
 O Layer X axis: Lu1, Hf2, Ta3, W4, Re5, Os6, Ir7, Pt8
 P Layer Y axis: Au1, Hg2, Tl3, Pb4, Bi5, Po6, At7, Rn8
 (7) Cycle: O Layer Z axis: (Lack)
 O Layer X axis: (Fr1) (Fr2) Fr3, Ra4, Ac5, Th6, Pa7, U8
 O Layer Y axis: Np1, Pu2, Am3, Cm4, Bk5, Cf6, Es7, Fm8
 O Layer Z axis: Md1, No2
 O Layer X axis: Lr1, Ung2, Unp3, Unh4, Uns5, Uno6, Une7
 P Layer Y axis: (Lack 1-8)
 P Layer Z axis: (Lack 1-2)
 P Layer X axis: (Lack 1-8)
 Q Layer Y axis: (Lack 1-8)

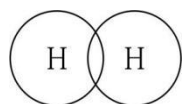
That second X axis of O layer of seventh cycle the lack of 1 element, and that P and Q layers are empty, in other words, four axes lack of 27 elements are to be found or artificially synthesized.

In which, there are only 32 electrons in N layer in sixth and seventh periods, according to Octet Rule, only two X axes and two Y axes are available for arrangement, therefore, they lack of Z axis respectively, which properly demonstrate the true cause for reduction in diameter of lanthanide elements and actinide elements. It is observed from the above mentioned configurations that all periods end with 8 wave rings at X axis or Y axis except for Z axis in firth period. The number of elements in every period shows 2, 8, 8, 18, 18, 32, 50 in configuration, being the result of cyclic configuration in sequence of Z, X and Y

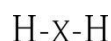
axes.

Reasoning 6. It can be seen from above analysis that electron cloud of multi-electron atom is also ring-shaped instead of ball-shaped or dumbbell-shaped. That is to say, its electron also exists in the form of wave ring. As for bond of the covalent bond compound, firstly, taking hydrogen atom as example, when two atoms become a molecule, many wave rings interlock to form a stable molecular (i.e. ring thimble). After interlocking, movement scope of the wave ring is limited and electron cloud of hydrogen is not ball-shaped longer. If any ring does not move, the other ring only can move around it. In other words, the two wave ring phases interlock, movement possibility of wavering between two hemisphere shells is increased. However, it is different in nature with electron cloud overlaps the bond.

For easy description, we simply the rings into one ring, and the symbol “-R-” or “R-” is used to represent the wave ring and “R” is used to represent the element. Wave ring interlock (ring thimble) is represented by “×”, which refers to the covalent bond. The “R→” is used to represent the wave ring embed (ionic bond). Wave ring structure of the hydrogen molecule is shown as below:



H2 ring thimble

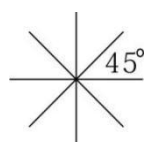


H2 molecular formula

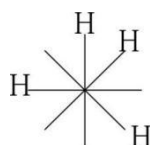
Reasoning 7. Later, we will analyze tetrahedron structure of methane. Methane is interlocked by 1 carbon atom and 4 hydrogen atoms. We all know that there are 4 electrons in external layer of the carbon atom, called 4 electron wave rings. According to principles of repulsion balance among wave rings, 4 wave rings divide the carbon into 8 parts, and angle between neighbored wave ring is 45° . There are 4 wave rings, so the carbon atom cannot form tetrahedron structure.

When the carbon atom and 4 hydrogen atoms realize interlock, the 4 hydrogen atoms shall keep equal distance in order to keep equal repulsion. On the other hand, distance between each hydrogen atom and the carbon core is equal. In other words, when the 4 carbon atomic wave rings interlocks with carbon atom, it shall keep equal distance among atoms and keep equal distance between each atom and carbon nuclear. In order to satisfy the such conditions, locking locations of them and the carbon atom are 4 peaks of the tetrahedron.

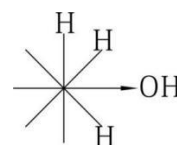
In below, we will give wave ring structure formula of carbon, methane and methyl alcohol and symbol “C” of carbon is omitted.



wave ring of carbon

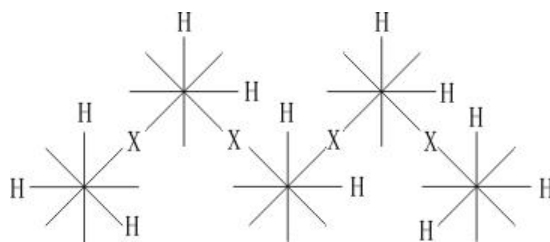


methane molecular formula

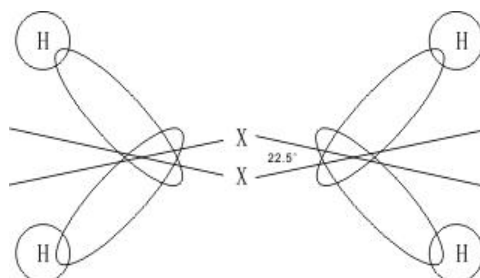


methyl alcohol

Reasoning 8. In the crystalline state, the alkyl carbon chain is zigzag:



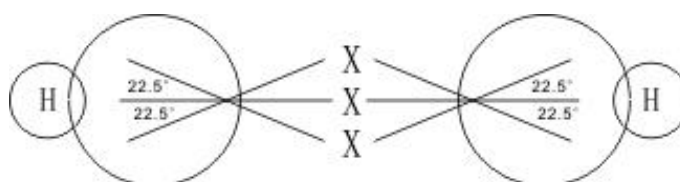
Reasoning 9. When a molecule is composed of the atoms as a result of chemical reaction, the angle and direction of the electron WR change more obviously. According to the rule that the included angle of every two neighbouring WRs is no less than 22.5° , in an ethylene molecule, the electron WRs of carbon atoms interlock with each other with 22.5° included angle, forming a double bond. The other pair of WRs that interlock with hydrogen's WRs changes its original angle and moves respectively towards both ends of the ethylene molecule in order to maintain the repelling power equal.



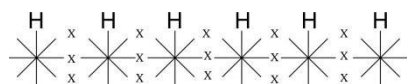
Seen from the above formula, in C=C double bond each pair of WRs interlock with each other with a 22.5° included angle, therefore, its bond length is shorter than C-C single bond.

Reasoning 10. In an acetylene molecule, 3 WRs of a carbon atom interlock with that of the other carbon atom, in the middle a WR interlocks in a straight line while on both sides the WRs interlock with one another at an included angle of 45° respectively. So, the bond length of C \equiv C triple bond is even shorter. It has already been proved that C-C' s bond length is 0.154 nm in an ethane molecule; C=C' s bond length is 0.134 nm in an ethylene molecule; C \equiv C' s bond length is 0.120 nm in an acetylene molecule. The WR formula gives a satisfactory explanation on the cause that the bond length shortens in a double bond and a triple bond.

In an acetylene molecule, no matter whether the WRs which interlock the hydrogen atom is above the molecular axis or below it, they can't keep balance of the repelling power. So they need not only change the angles but also the directions, i. e. Along the molecular axis turn 90° towards both sides of the molecule in order to make the WR plane become vertical with the WR plane where 3 WRs interlock, and extends towards the sides of the molecule.

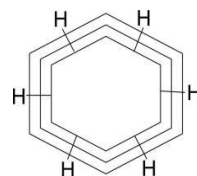


Reasoning 11. For stable structure of benzene molecule, it can give satisfied explanation by the wave ring structure. Benzene is interlocked by 6 carbon atoms and 6 hydrogen atoms, every carbon atom has one wave ring to realize interlock with hydrogen and the residual 3 wave rings form a ring with the carbon.



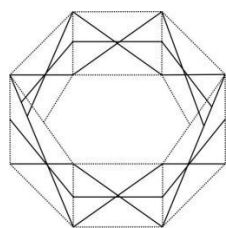
Straight chain WR formula

Of benzene ring

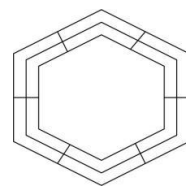


The formula of benzene's

WR molecule



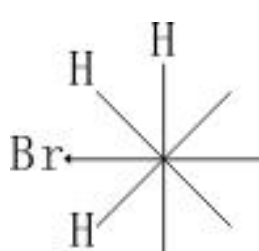
The interlock frame of
benzene ring



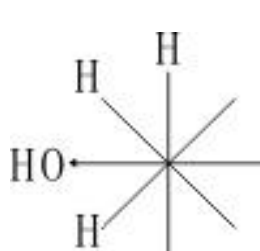
The simplified formula
of benzene

In the benzene ring, the carbon atom is located in center of the 6 edges instead of peaks of the 6 corners. Between the carbon and carbon, there are 3 wave rings realizing mutual interlock and there is no single-bond and double-bond. In addition, two ends of such 3 wave rings realize interlock with neighbored atoms. Therefore, the benzene ring is quite stable and is not easy to be disconnected.

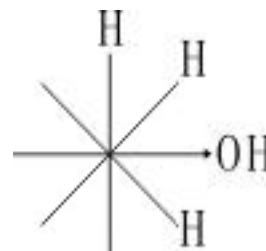
Reasoning 12. To discuss the nucleophilic substitution S_N2 process, first write down (-) bromomethane and methyl alcohol's antipode, and their WRs reaction formula:



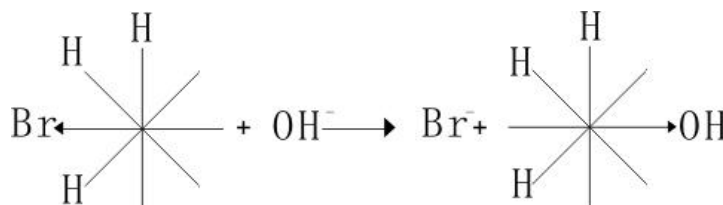
(-) bromomethane



(+) methyl alcohol



(+) methyl alcohol



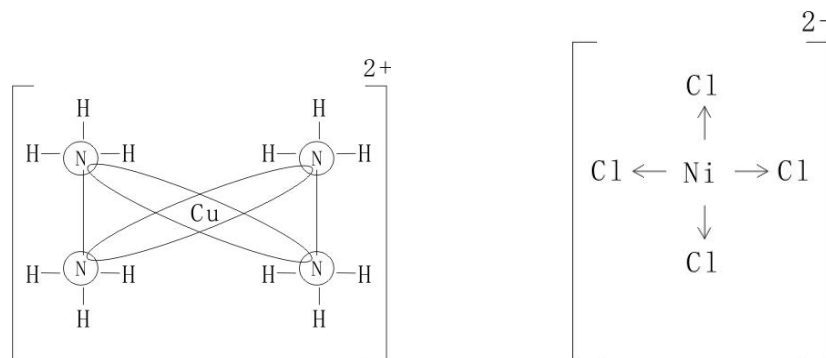
(-) bromomethane

(+) methyl alcohol

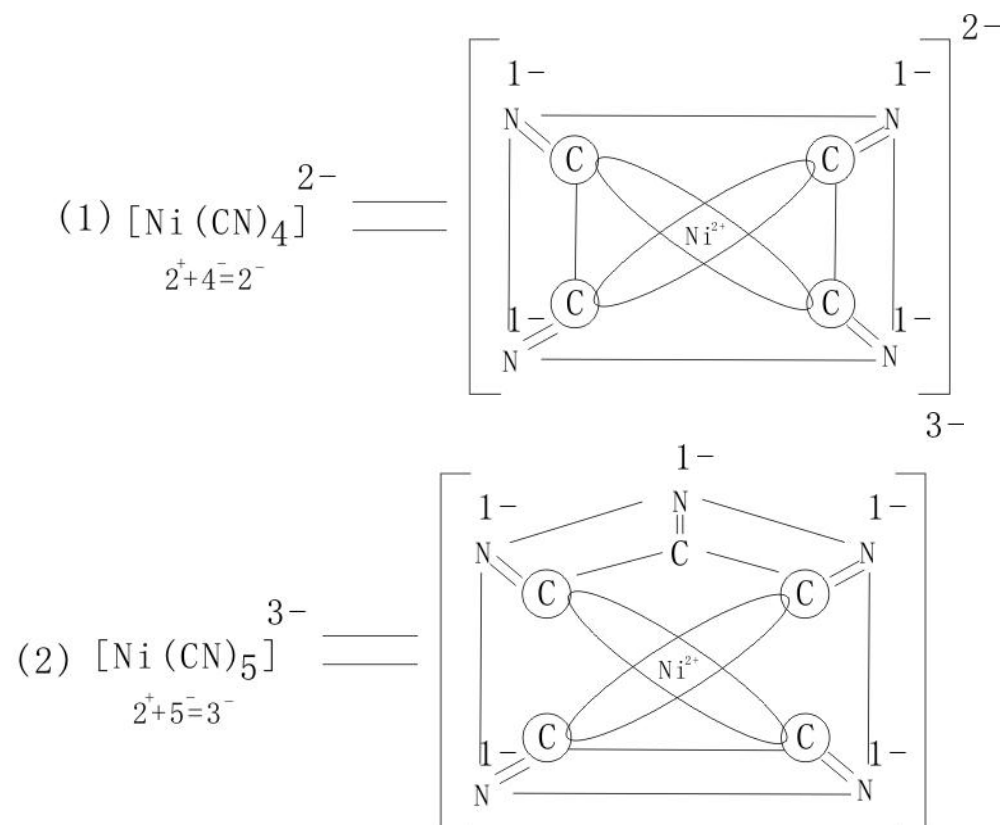
When bromomethane hydrolyzes, the nucleophilic reagent OH^- attacks from the right side, in the meantime Br^- ion leaves from the left side, which agrees to the

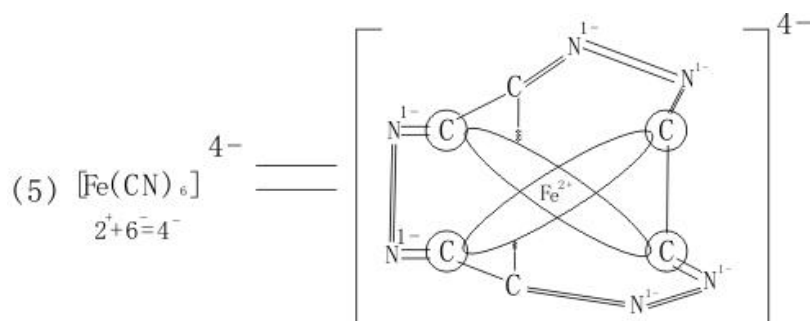
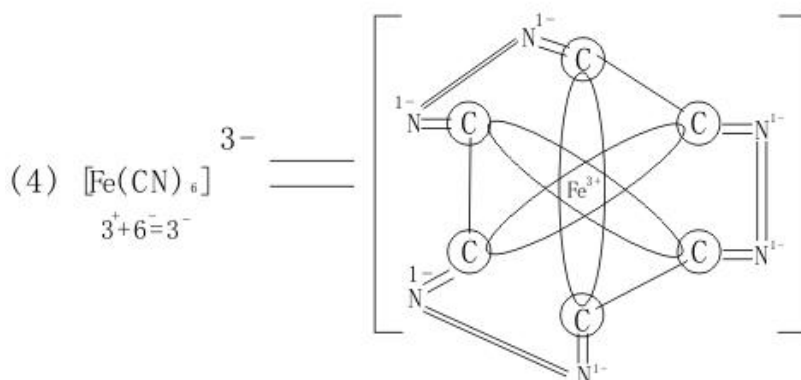
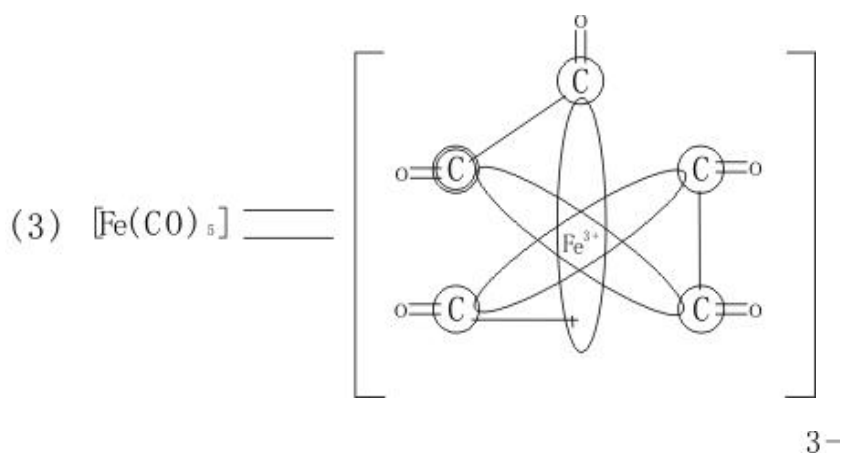
theoretical hypothesis of traditional chemistry. But its three hydrogen atoms need not invert.

Reasoning 13. The stability of coordination compound lies in that both sides of the electron WRs outside the central coordination ion either interlock or embed in the ligand, such as $[\text{Cu}(\text{NH}_3)_4]^{2+}$ and $[\text{NiCl}_4]^{2-}$ coordination ions.



Reasoning 14. Some complicated WR's formulas of the coordination ions are presented as following:





Reasoning 15. The outermost layer of atoms containing the Z, X, Y axis can form a 18 electron structure complex, the atoms containing only the X, Y axis can form a 16 electron structure complex. Not enumerate here.

Verification

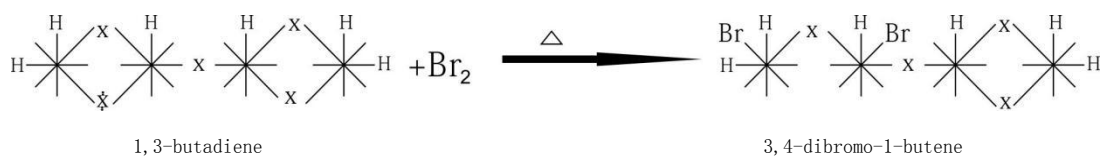
Later, we will analyze the conjugate dienes addition reaction, cyclization reaction, cyclization addition reaction, molecular rearrangement and σ key migration. It is found that their natures are the same, domino effect. The molecular rearrangement and σ key migration are false appearances. This strongly testify the existence of atomic wave ring structure.

Verification 1. Nature of conjugate dienes addition reaction is domino effect
 In the wave ring structure below, the symbol “ \times ” means covalent bond and “ \times ”

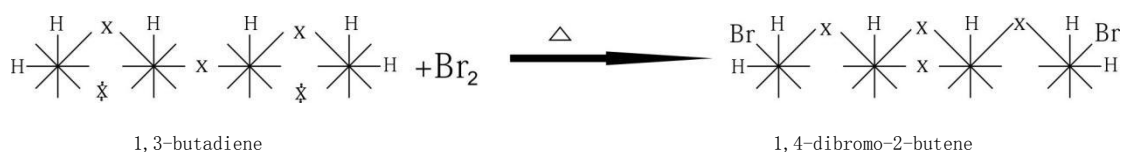
means the bond to be disconnected immediately.

In wave ring reaction formula of 1,3-butadiene, it can be seen that nature of the conjugate dienes addition reaction is a domino effect.

(a)



(b)

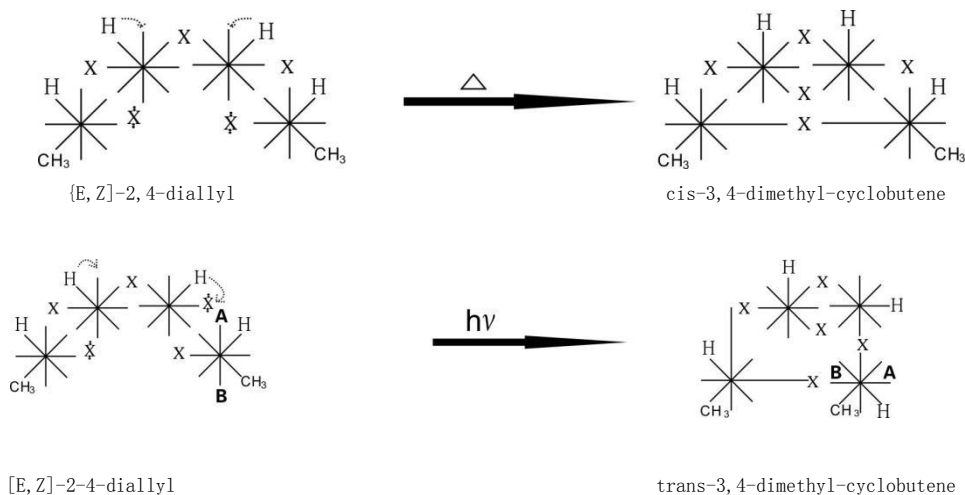


In formular (a), there is only one double-bond is disconnected to form the 3,4-dibromo-1-butene. What can be seen is (Br and C4) interlock \rightarrow (C3 and C4 one-side double-bond) disconnection \rightarrow (Br and C3) interlock, which is one phenomenon of domino effect.

In formular (b), the two double-bonds in the same side are disconnected to form the 1,4-dibromo-1-butene. What can be seen is (Br and C1) interlock \rightarrow (C1 and C2 one-side double-bond) disconnection \rightarrow (C2 and C3 forms double-bond) interlock \rightarrow (C3 and C4 one-side double-bond) disconnection \rightarrow (Br and C4) interlock, which is a domino effect.

Verification 2. cyclization reaction follows the domino effect

The example is as below:



[E, Z]-2,4-diallyl turns into cis-3,4-dimethyl-cyclobutene when it is heated; turns into trans-3,4 -dimethyl-cyclobutene when illuminated.

Seen from the above formula , when heated, each bond breaks at the same side of the two double bonds of [E, Z]-2,4-diallyl. Furthermore, it is also found that hydrogen of C2 and C3 migrates towards the neighbouring wave ring, which is beyond the description of the general chemical formula. Then the wave rings of C1 and C4 interlock to form a ring; While the wave ring of C2 and C3 interlock to form a double bond, as a result , cis-3,4-dimethyl-cyclobutene is composed.

When illuminated, two double bonds of [E, Z]-2,4-diallyl cross each other or each breaks one bond, i.e. The inner side bond of C1 and the outer side of C4 break respectively. Supposing C1 remains the still, first, rotates 90° clockwise to straighten the single bond between C3 and C4 ; Second, interlock B side of C4' s disjointed wave ring A-B with C1 to form a cycle; In the meantime, hydrogen of C2 and C3 migrates towards the neighbouring wave ring, thus to link C2 and C3 into a double bond. In this way trans-3,4-dimethyl-cyclobutene is formed.

Because the frequency of light wave is fixed, it can only break off two electron WRs with the same frequency. In two double bonds, the WRs of the two double bonds on the opposite sides have the same frequency and direction. Therefore, each double bond breaks off one bond on the two opposite sides when illuminated.

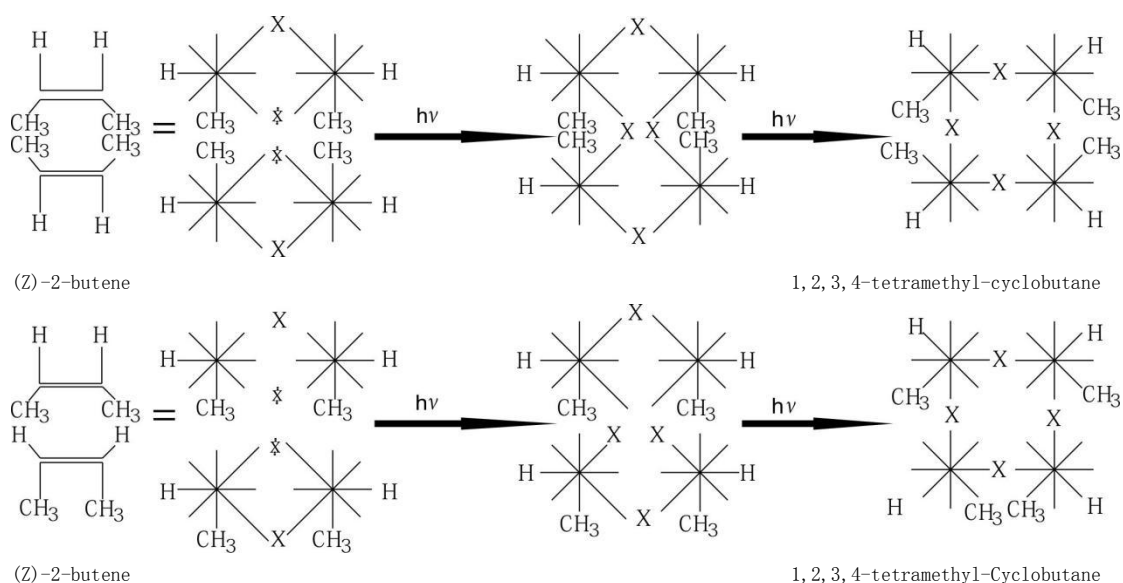
There is no difference of frequency and direction when heated, so each double bond breaks one on the same side. Consequently, the products of the two process have the cis-trans distinction.

what can be seen is “disconnection → interlock → disconnection → interlock” which is a domino effect.

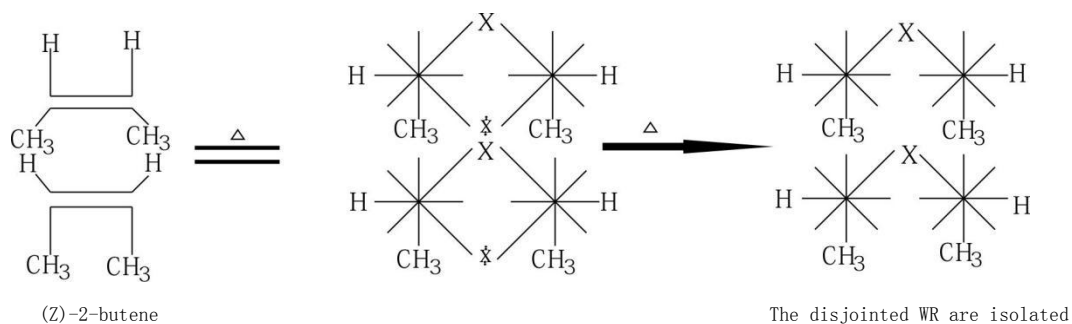
Verification 3. [2+2] cyclization addition reaction follows the Domino effect

In a [2+2] cyclization addition reaction, two molecules may cyclization addition face to face (opposite double bond breaks) under the circumstances of illumination. However, the direction is face to back (the double bond breaks on the same side) under the circumstances of heating. Because the two disjointed cycles are isolated and the WRs' angle differs obviously, so there is no addition reaction.

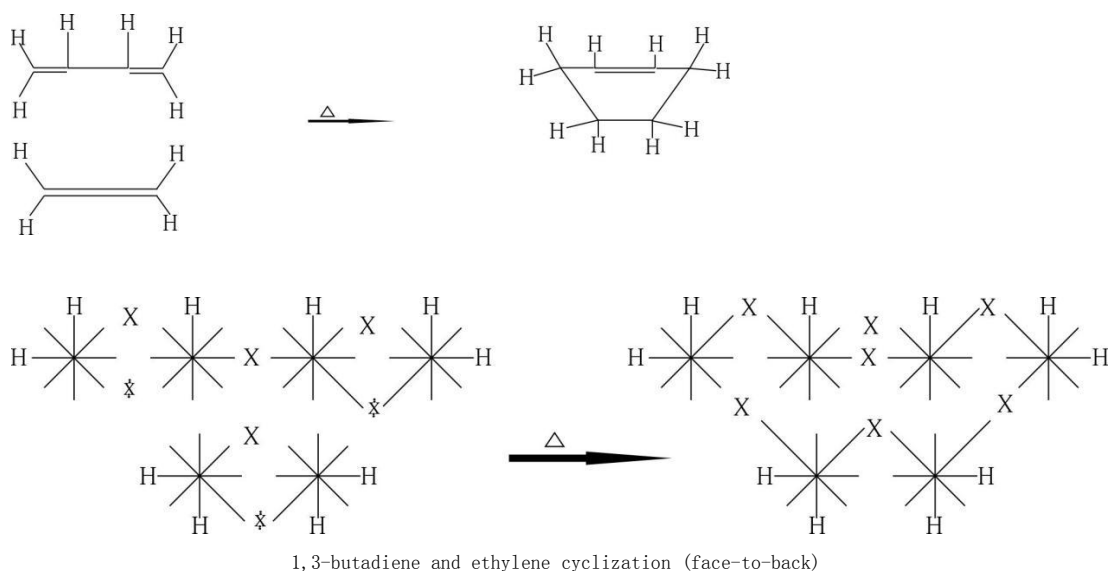
Such as, (Z)-2-butene' s two molecules add face to face when illuminated, producing two isomers of 1,2,3,4-tetramethyl-cyclobutane. you can see, that the double bonds disconnect → interlocking → disconnect → interlocking , which is a Domino effect.



When heated, the double bond on the same side (face to back) breaks because the disjointed WRs are isolated, they can't link together as a ring.

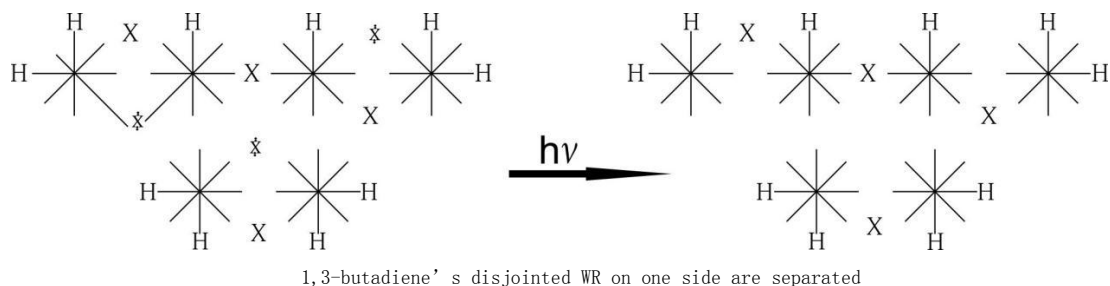


Verification 4. [4+2] cyclization addition reaction also follows the Domino effect. For example, in a [4+2] cyclization addition reaction, the former break double bond on the same side when heated, and is allowed to cycloaddition the latter face -to-back. However, when illuminated, the former's double bond on the opposite sides cross each other or break one bond respectively, and can't cycloaddition face-to-face with the latter, because of the obvious wrong direction of disjointed wave rings, one bond of the double bond is disjointed and separated and can't cycloaddition. For instance, 1,3-butadiene is allowed to cycloaddition ethylene when heated.



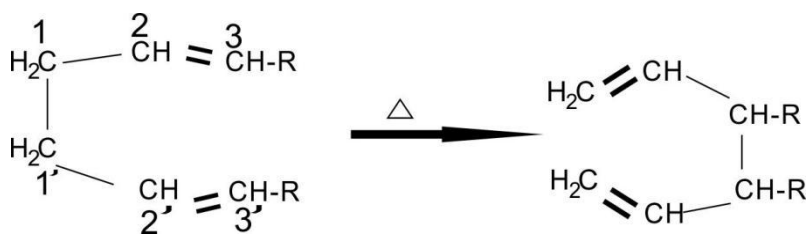
As you can see, between six carbon atoms, disconnect \rightarrow interlock \rightarrow disconnect \rightarrow interlock, which is a domino effect.

When illuminated, the disjointed WRs on one side of 1,3-butadiene is separated and can't interlock ethylene face to face into a ring.

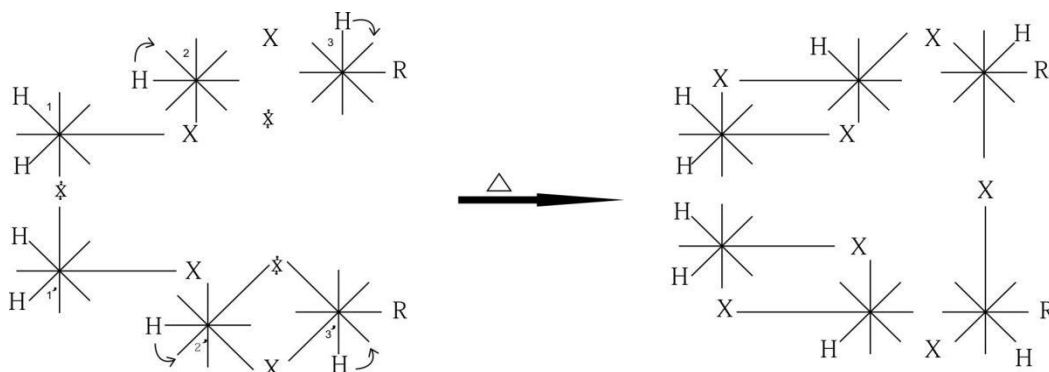


Verification 5. The Cope rearrangement follows the Domino effect

The Cope [3,3] σ bond migration is illusion, please see the following analyses:



Cope rearrangement

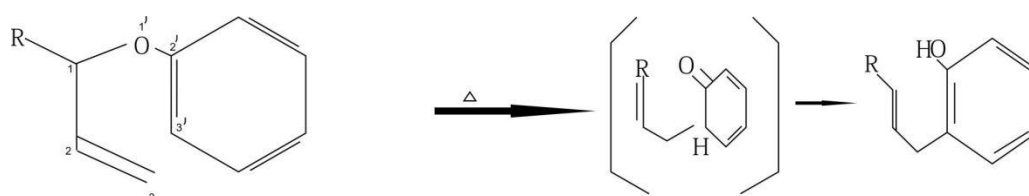


Cope Domino effect

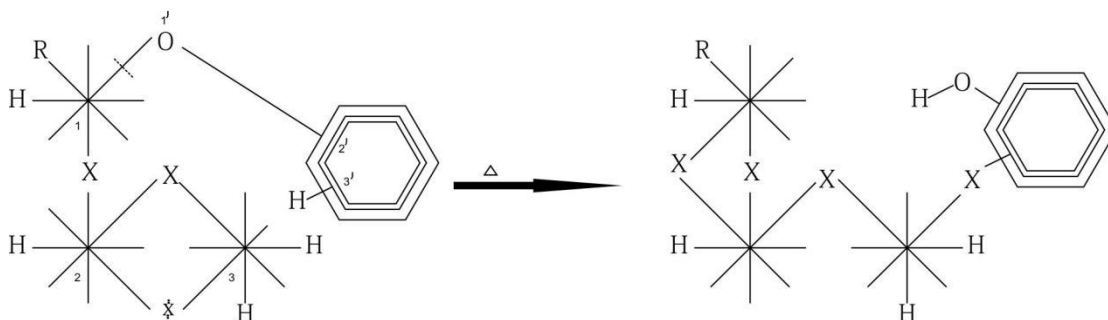
After C1-C1' bond break off, H of C2 and C2' migrates toward the neighbouring cycles, then forcing C3 and C3' double bond break off respectively, at the same time H of C3 and C3' migrates towards neighbouring WRs and C3 interlocks C3' forming a bond. However, C2-C1 and C2' -C1' form a double bond. The WRs from C1 to C3, from C1' to C3', break \rightarrow interlock \rightarrow break \rightarrow interlock, which is a Domino effect.

Verification 6. The Claisen rearrangement follows the Domino effect

The Claisen [3,3] σ bond migration is illusion, analysis of the following:



Claisen rearrangement

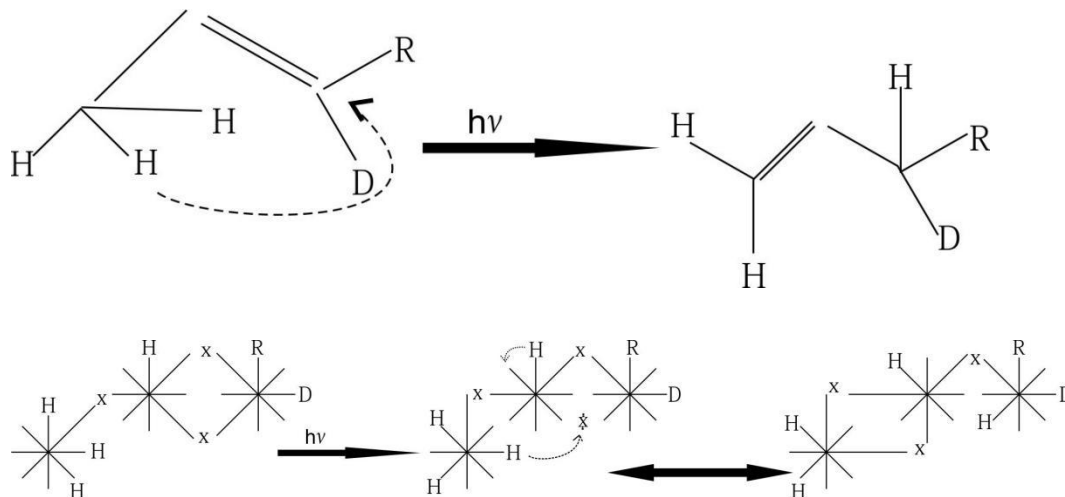


Claisen Domino effect

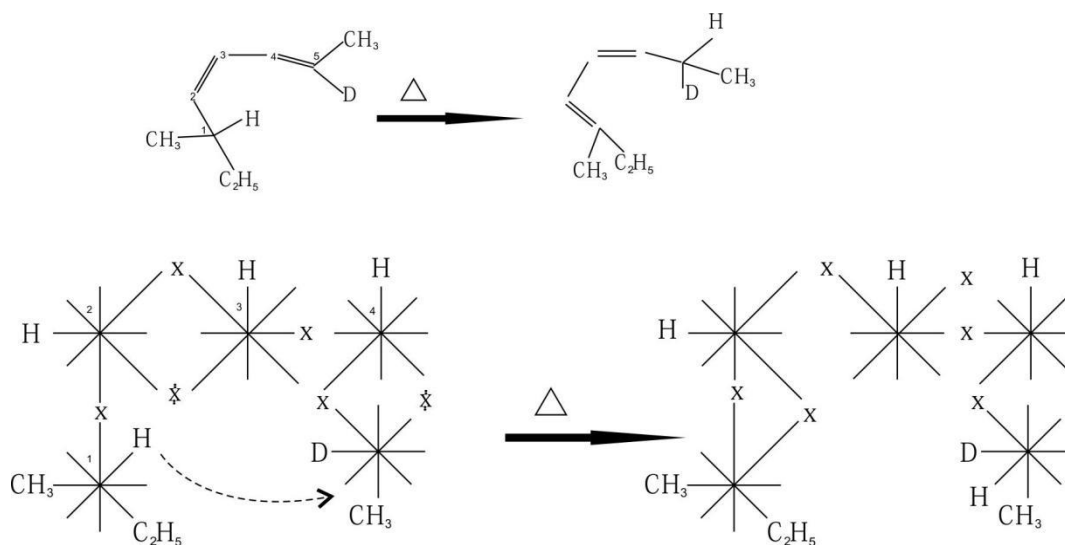
After σ bond between C1 and O disconnect, one side of the broken WR of C1 interlocks C2, makes C2 and C3 double bond break off. However, the other side of the broken WR of C3 interlocks C3' and forces H in C3' migrates towards O, forming OH bond.

However, OH and OC bond has changed from interlock to embedded. Hence, Claisen rearrangement also follow the rule “ break → interlock → break → interlock” ,which is a Domino effect.

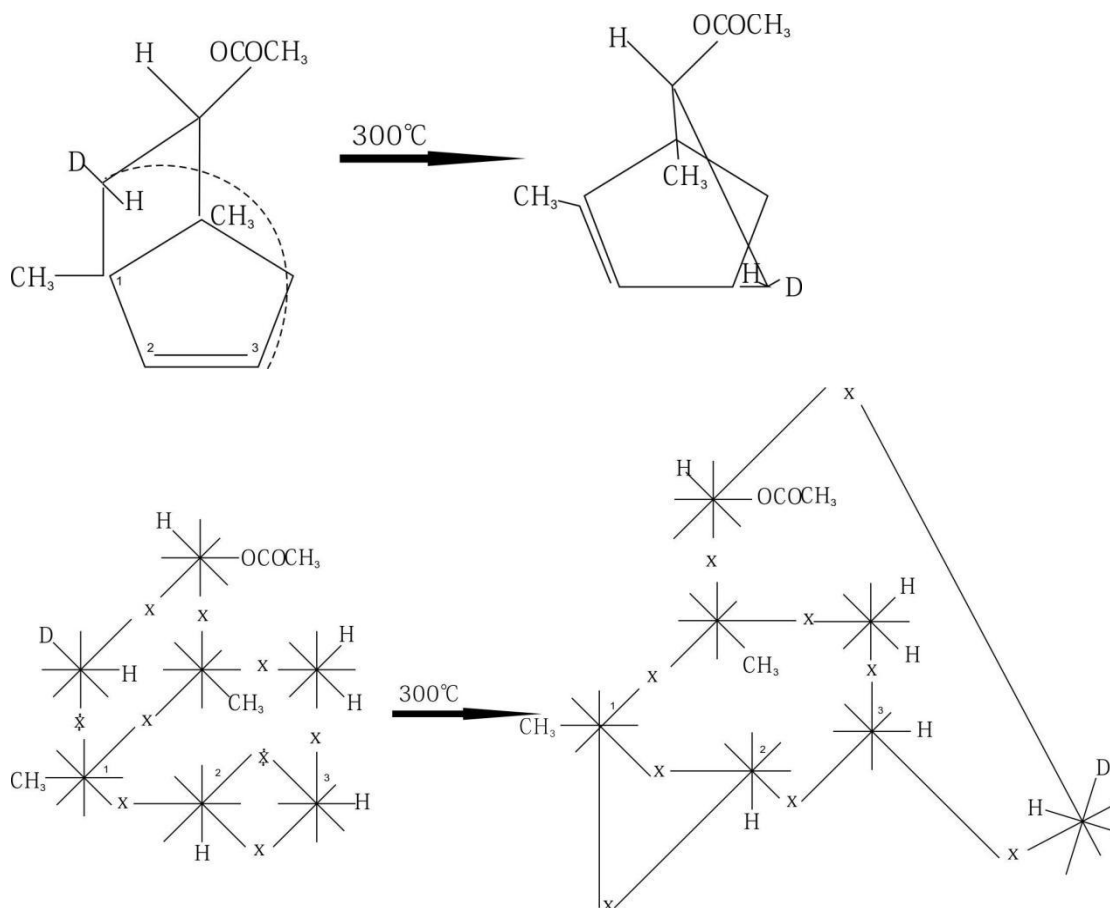
Verification 7. H attends [1,3] σ key migration is illusion, it follows the Domino effect



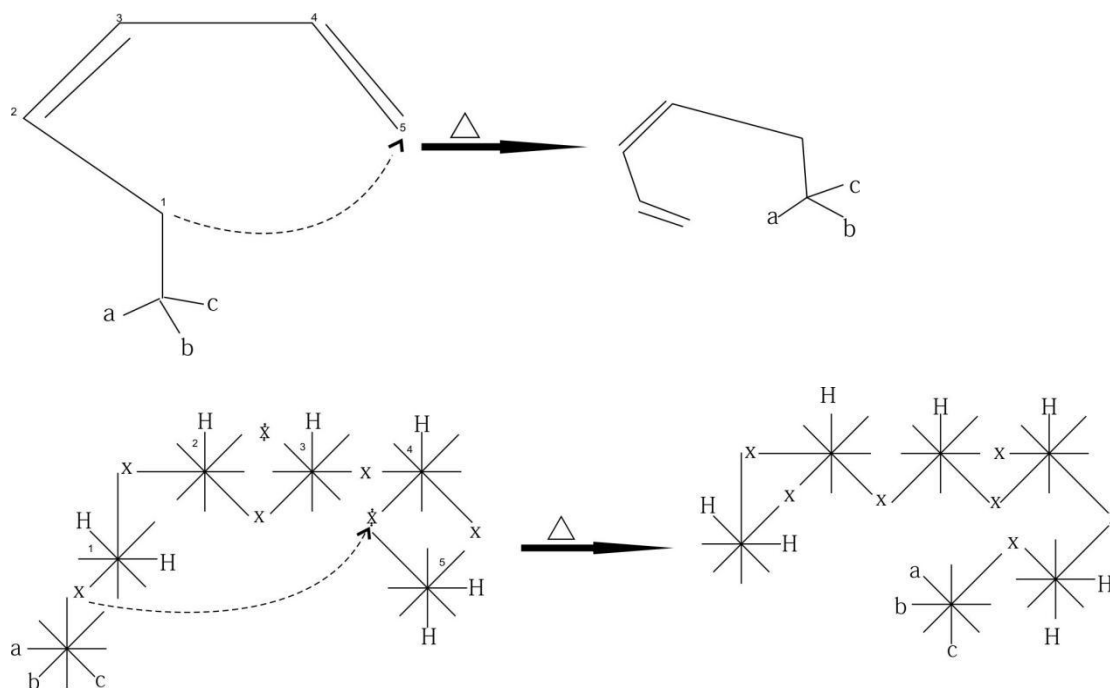
Verification 8. H attends [1,5] σ key migration is illusion, it follows the Domino effect



Verification 9. C attends [1,3] alkyl σ key migration is illusion, it follows the Domino effect



Verification 10. C attends [1,5] alkyl σ key migration is illusion, it follows the Domino effect



Conclusion

This is an article on logic reasoning, Solve the various problems, and its

significance discussed.

Based on above analysis, we can get the conclusion that for compound containing double-bond, if there is any change in the double-bond, it certainly follows the domino effect. The domino effect can be used to synthesize various new organic compounds. Here, the domino effect clarifies transfer process of double-bond and single-bond, which cannot be realized by other theory of molecular structure. Also, it is the powerful evidence to prove existence of the atomic wave ring structure. Molecular design and application: for example, molecules contain the double bonds. First of all, write it wave ring structured. Then, by using the principle the domino effect, analysis under the condition of heat or light, double bond of the changes. According to the variation of double bond, select qualified molecular addition or cyclization. Generate new organic compounds. Test wave ring theory can apply this method.

This article is based on the nuclear magnetic resonance (NMR) and repulsion minimum principle, deduced the wave ring structure of the atom. prove that molecular rearrangement and σ key migration are false appearances.

Electron cloud overlap bonding, this hypothesis reference nearly a century, there are a lot of organic molecular structure and chemical reactions cannot explain. Because the wave ring theory has scientific basis, Wave ring theory to reasonably explain all kinds of organic molecular structure and chemical reaction, is the best proof. Can be predicted, the eggs into the chicken, is a comprehensive, complex domino process.

Reference

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