Mass Stability & Astrotheology

Paul T E Cusack, BScE, Dule

ABSTRACT

Simon's 12 th problem is the list of unsolved math-physics problems on Wikipedia states that we need to establish molecular structure from first principles. In this paper, that is what we do; from the individual atoms to the periodic table, to the benzene ring, we see the energy is always conserved. It is assumed that the reader is familiar with AT Math. If there was any doubt that Astro theology is the theory that explains the physical universe (as well as the spiritual), they can be laid to rest after reading this paper.

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I. INTRODUCTION

Simon's 12 th problem in the 2000 list:

Is there a mathematical sense in which one can justify current techniques for determining molecular configurations from first principles? Source: Wikipedia.

Thee are tow forces in nature, one that draws together and the other that pushes apart. They are gravity and coulombic forces. We will show that the Mass in the universe is the result of these tow opposing forces working against each other.

6.67/1.602=0.24017

GMP $\Rightarrow t^2-t-1=E$
$0.2401^2-0.2401-1=1.18249$=Mass of the Period Table of the elements.

The 118th element is Og.

118/118249=-0.99789

There are 32 elements in the 7th Period, or 32 elements. The Mass of an electron =5.1099mEv

-0.99789/(32x 5.1099)=6.10267

Orbitals

{2+8+8+18+18+32+32} x 5.1099=602.9682=1/98.8≈99

Mass H+=1.0079 →Mass Og=294
ΔM=292.99≈293

292-392=198=t
198-981=693=Ln 2=M
693-936=297=c
297-792=495=E
495-549=99=E
99-99-=0 Convergent

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198 x 693 x 297 x 495x99=1997~2

t=2

GMP⇒2^2-2-1=E=1

Oganessian #118

118 p+ x938.27208816

118 e- x 5.1099

118.4(943.3819)=111696+1/2=1.617.46≈1.618 Golden Mean

GMP

1.618^2-1.618-1=-76

1-0.76=0.24⇒1.602/6.67

Covalent radius for Og:

r=157=π/2

r=d=s=E ×t=|E||t|sin θ

E=1/sin θ=1/F

$\alpha=\omega^2R=(d\theta/dt)R$

$\omega^2=157^2$

$=(157)^2(293)(3/8)$
$=271\approx e^1=E$

Eigenvector

√√3=1.316=1/0.759835=24.01

$F=2M\omega^2$
$=2(292.99)(\pi/2)^2=1444$

E=1/F=1/1444=692=Ln1998=M when t=2

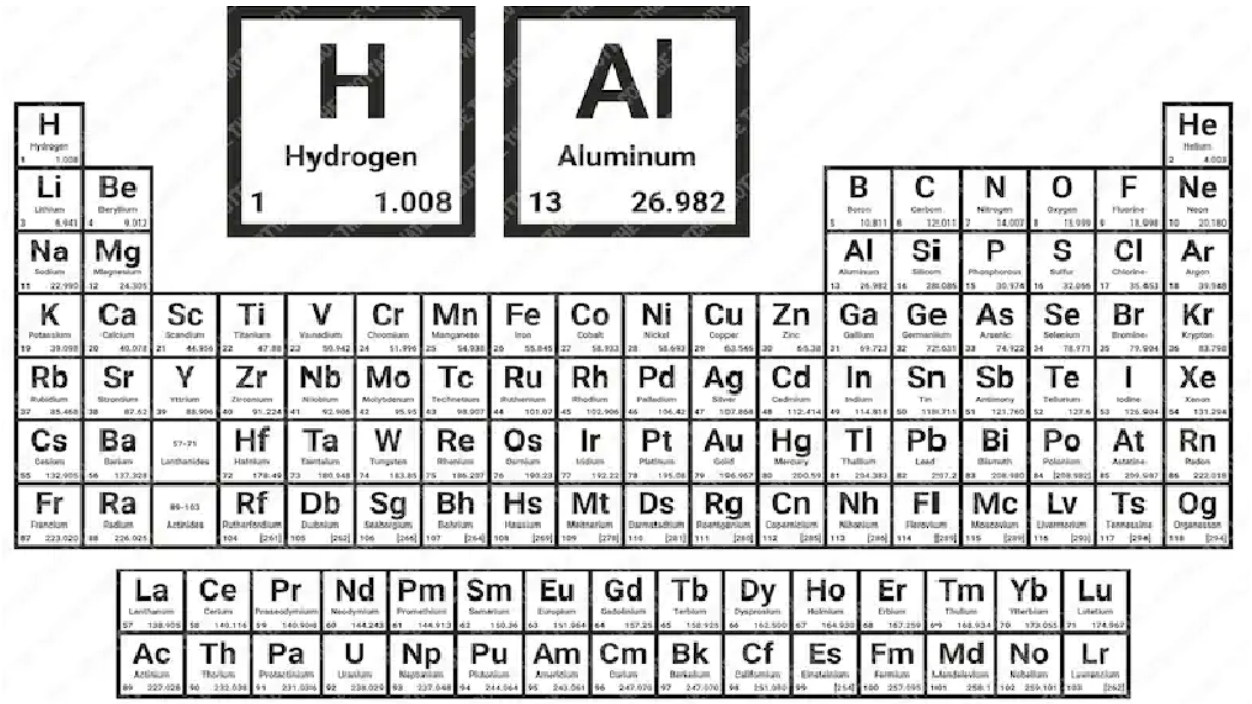

Figure 1: Periodic Table of the elements showing Og in lower right corner

We now use Benzene, a prolific molecule in organic chemistry to show why the atoms come together to conserve energy.

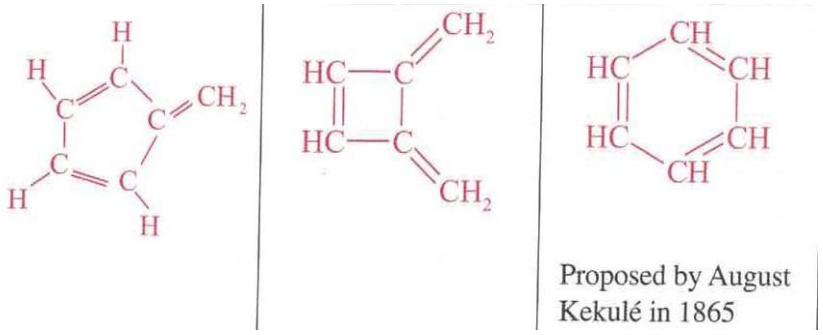

Figure 2: Benzene proposed structures. Source Barron's E Z Chemistry

3 C-C 3(710)=2130

3 C-C 3(607)=1821

6 C-H 3(337.2)=2023.2

SUM=59742

PE+Mc^2=

M=6(12)+6(1)=78

PE=78(2.9979)^2=4222.3

TE=PE+BDE=59742+4222.3=10196

But the molecules all have the same number of each bond type.

Caron needs 4 e-

28 x 1.602=4485.6

M=Ln t=4485.6

T=1.50=1/G

15 e- shared x 1.602=24.03=1.602 x 6.67

So what is the difference for the Benzene ring? It is that 3 electrons are shared between 6 Carbons. So, energy is minimized:

3e-/6 x (1.602)+6(1.602)+He-6(1.602)=20.025

e^20.025=2.99698=c=2.997 ~3

t=c=3=eigen value ☐ E=5 ☐ y=y' for the eigen function.

For the middle architecture:

3 e-+6e-+6e-=20.025 same

They are both symmetric molecules. Space must be conserved which is based on the cross product of energy and time(KE).

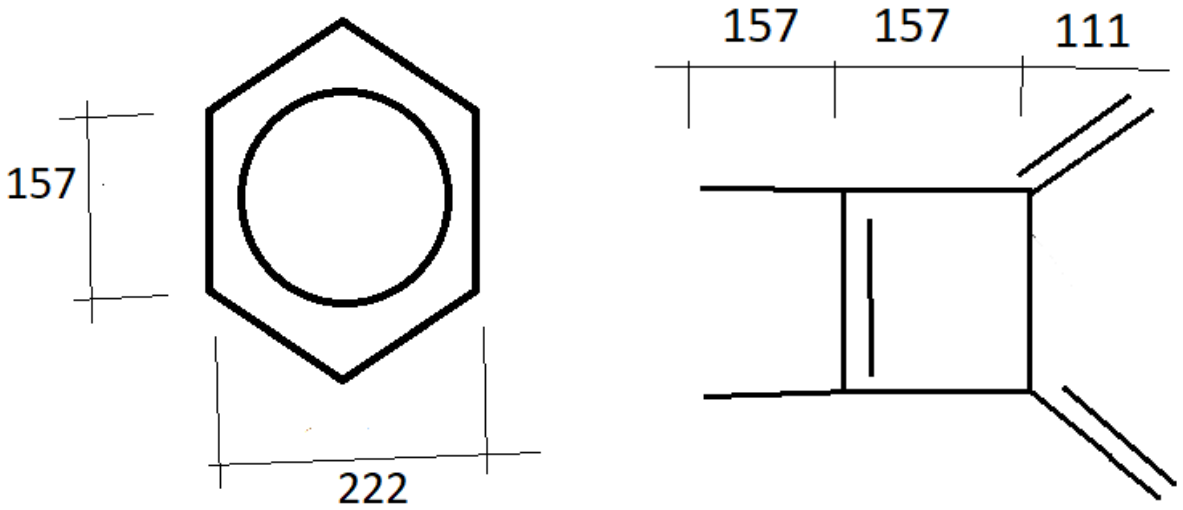

Figure 3: Two architectures for C6H6. The circle represents 3 electrons shared

s=Ext=E t sin theta

s=t

E=1/sin theta=20.025

Theta=28.6 deg=0.5 rads

GMP: 0.5^2-0.5-1=-1.25=Emin of the GMP

Area of the Benzene Ring:

S=(157)^2+(Pi/4)^2(Pi/4)^2/1/2

=375=1/F=E where F=SF=8/3

Area of the middle structure:

157+157+111=425

111+157+111=379

Area -804

804

375 by 46.6% So the Benzene structure minimizes space. So that is why the Benzene ring is selected from first principles using AT Math.

II. CONCLUSION

The Mass of the universe are established from first principles of Astro theology. The joining up of atoms of elements follows the laws of the conservation of energy and space using coulombic forces.

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