

## 1 SECTION-0: Why is Symmetry-Math Needed?

2 “It is important to realize that if our understanding of fundamental principles is incorrect, then any  
3 extrapolation of that understanding will induce further misunderstandings” Joseph A. Rybczyk

4 In January of 2005, I made the following discoveries in mathematics.

- 5 • The Rule-of-Signs, a  $(-)(-) = (+)$  is illogical and incorrect . It is amazing that the illogical
- 6 Broken-Symmetry (BS) math system’s use of dashes and crosses ever gave a useable answer.
- 7 • The BS math number line is a broken-symmetry number line; the math on the left side of the
- 8 number line is different from the math on the right side of the number line.
- 9     o This means it cannot represent reality; space is believed to be symmetrical.
- 10 • The distributive law produces incorrect answers when  $\left[ b > a \text{ in the equation } (a - b)^2 \right]$

11  
12 So what? How does this change anything? The math that is currently being used seems to work  
13 just fine. We have gone to the moon, built high powered computers, cell phones, flat screen  
14 HDTV, etc. It is even believed by many to be one of the greatest achievements of the human  
15 mind. There is so much new technology that just keeping up is difficult. Why fix something that  
16 has been so successful and does not seem to be broken?

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18 With this kind of thinking, we would never have discovered electricity, electrons, and atoms.  
19 There would be none of the electronics we have today. Historically, if we thought this way, we  
20 would still be hauling water and riding horses to the general store for supplies.

21  
22 There has not been a major discovery in math, physics or chemistry **in academia** due to theory  
23 since the early 1900’s. There have been virtually no science-changing discoveries since quantum  
24 probability theory and Einstein’s relativity were accepted as fundamental in science.

25  
26 **BS math cannot be used to describe reality in space or time. Space is symmetrical. Space**  
27 **cannot depend on the direction a coordinate system is orientated.**

28  
29 In December of 2006, I discovered the mathematical error in Einstein’s Special Relativity.  
30 Einstein's used BS math and that math only works in an imaginary world. It cannot describe real  
31 symmetrical space. Einstein’s Special Relativity should be abandoned and a theory of real space  
32 using Symmetry-Math should be used to replace it. Numerous articles on the Internet show  
33 Einstein’s theory to be incorrect, but no one in academia is willing to publish the information.

34  
35 Since Quantum Theories are based on probability and electron clouds spinning around the  
36 nucleus, both must be abandoned for Professor P.M. Kanarev’s theories.

37  
38 21st century scientists state, in many articles, that Einstein's General Relativity and Quantum  
39 Theories are incompatible. They are not only incompatible, they are both mathematically  
40 incorrect. The reason is that both of them use the BS math system. Again, the universe is  
41 symmetrical and cannot operate differently based on the way a number line is drawn.

42  
43 Imaginary numbers are only necessary in the current BS math system. Imaginary numbers are  
44 removed from the Symmetry-Math system.

- 45 • This means that Schrödinger's equations must be abandoned.
- 46 • Any equation in quantum theory that uses imaginary numbers must be abandoned.
- 47 • Any equations in math that use imaginary numbers must be abandoned.

48 My son, a university chemistry teacher, recently applied Symmetry-Math to rewrite  
49 thermochemistry. It only took him about three hours. I have included his comments below:  
50

51 "Current methods for teaching thermochemistry problems require students to memorize signs:

- 52 • [(- dash) and (+ cross)] for enthalpy, entropy and Gibbs free energy to determine the final  
53 sign associated with a spontaneous process.

54  
55 Although this process can help one predict the spontaneity of an overall chemical process, students  
56 often become confused and assign or calculate signs which are incorrect. This causes them to lose  
57 sight of the overall scientific processes being taught."  
58

59 "A recent discovery by my father shows that the Rule-of-Signs produces many incorrect answers.  
60 His discovery provides a simpler and more understandable method to achieve correct answers.  
61 Students should be provided with the above definitions and given the opportunity to apply logical  
62 concepts for solving problems. Memorizing signs and using them as both mathematical and  
63 directional operators is illogical and confusing for even the above average student. Applying  
64 Symmetry-Math to thermodynamic problems, allows students to obtain solutions by reasoning and  
65 understanding principles. The current method uses illogical (- dash) and (+cross) signs to obtain  
66 answers. "  
67

68 My son wanted to start using this information to help his students. I told him he could not. He  
69 would be fired and ran out of chemistry. You do not advance any idea into academia until the  
70 authority figures of academia give a stamp of approval by peer review (by someone who has no  
71 knowledge of the "something new")  
72

73 I do not expect anyone in current academia to accept Symmetry-Math. It will take a new  
74 generation that is willing to look at the information to replace the current BS math system. This  
75 means that you can be a pioneer in the science of the future.  
76

77 Summary:

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79 My Symmetry-Math discovery and Professor Kanarev's physics and chemistry theories means the  
80 following:

- 81 • All mathematics books must be rewritten
- 82 • All physics books must be rewritten
- 83 • All chemistry books must be rewritten
- 84 • All computers must be reprogrammed for the Symmetry-Math
- 85 • All calculators must be reprogrammed for Symmetry-Math
- 86 • Einstein's Special Relativity theory using BS must be replaced with a correct mathematical  
87 theory using Symmetry-Math.
- 88 • Quantum equations which contain imaginary numbers must be abandoned.