

*On the Theory Of Complete Recursive Sub-Sets Of A Given Set Of Concern
Definition Of A Galaxy*

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Abstract

In this research manuscript, the author has advented a Novel Addition to the *Author's Concept of Theory Of Complete Recursive Sub-Sets Of A Given Set Of Concern*. Also, a *Formal Definition* of a *Galaxy* is presented.

Theory

One can note the following:

1. When the *Elements* of a *Given Set* are *Proportional* to the *Elements* of A *Prime Sequence Of Some Higher Order Space*, Starting from the *First Element* of the aforementioned *Prime Sequence Of Some Higher Order Space* and upto some *Prime Number* (of this aforementioned *Prime Sequence Of Some Higher Order Space*) and there are *No Elements Missing* along the *Prime Metric* of this aforementioned *Prime Sequence Of Some Higher Order Space*, then such *Elements of the Set Form One Complete Recursive Set*.
2. When *Any Sub-Set* of the given *Set* in 1. *Conforms* to the same above *Rule* in 1., each such *Sub-Set* also *Forms One Complete Recursive Sub-Set* of the given *Set*.
3. When *Some Sub-Sets* of the given *Set* in 1. *Conforms* to the same above *Rule* in 1., then, such *Sub-Sets along with the Given Set Form One Complete Recursive Set* and each such *Sub-Set* also *Forms A Distinct Complete Recursive Sub-Set* of the given *Set*.
4. It should be noted that the *Elements of Sub-Set Forming a Complete Recursive Set of a Given Set* will be *Proportional* to the *Elements of A Prime Sequence Of Some Higher Order Space*. That is, there is no need that the *Elements of Every such Complete Recursive Sub-Set of a Given Set* must conform their *Belongingness* to the same *Sequence of Primes Of Some Higher Order Space*.
5. However, it must also be noted that *Every Sub-Set of a Given Set is a Complete Recursive Sub-Set, i.e., it has its Elements Belonging to Some Sequence of Primes Of Some Higher Order Space*. At an *Advanced Level*,

this is *True* for *Any Random Set* of Concern. Only thing is we need to find the *Order of Sequence of Primes* to which it's Elements belong to, starting from the beginning and to what *Prime* of this *Sequence of Primes* of some *Higher Order Space*, the *Elements* of this aforementioned *Elements* of the *Random Set Belong To*. This also, is the Definition Of a *Galaxy*. *That is, a Galaxy Representing any Random Set is Defined as long as we Know the Order of Sequence of Primes* to which it's Elements belong to, starting from the beginning and to what *Prime* of this *Sequence of Primes* of some *Higher Order Space*, the *Elements* of this aforementioned *Elements* of the *Random Set Belong To*.

{Moral: Beauty Is In The Eyes Of The Beholder That Can Perceive It At Its Beauty's Native Order.}

6. However, when *All Sub-Sets* of the given *Set Conform* to the *Rule* in 1., we call such a *Set*, a *Universal Beauty Primality Set* and/ or *Universal Optimal Life Primality Set Only When we Notice a Continuous Gradient* in the *Order(s) Of Space* of the *Sequence(s) Of Primes* to which the *Complete Recursive Sub-Sets Belong*. That is, when a *Sequence* is formed of the *Order(s) Of Space* of the *Sequence(s) Of Primes* to which the *Complete Recursive Sub-Sets Belong*, the *Precision* of the '*Pi*' *Value* and/ or its *Higher Order Equivalent Value* of the aforementioned *Sequence* will be *Very High*.

Conclusion

As detailed in author's previous *Research Literature*, *The Theory Of Complete Recursive Sub-Sets* of a *Given Set* finds *Universal Use* in many *Facets* of *Mathematics, Science* and *Engineering*.

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