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-Set 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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