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AI++ : Artificial Intelligence Plus Plus

Satish Gajawada
IIT Roorkee Alumnus

Hassan M. H. Mustafa
Banha University

John McCarthy (September 4, 1927 - October 24, 2011) was an American Computer Scientist and Cognitive Scientist. He co-authored the document that coined "Artificial Intelligence (AI)". Satish Gajawada (March 12, 1988 - Present) is an Indian Independent Inventor and Scientist. In this letter he coined "Artificial Intelligence Plus Plus (AI++)".

Acknowledgments: We would like to thank Professor Er Meng Joo (TMLAI Editor), TMLAI Editorial Team and Reviewers for accepting our innovative invention titled "Artificial Intelligence Plus Plus (AI++)".

In this letter we coined, invented and defined a new branch titled "Artificial Intelligence Plus Plus (AI++)".

Definition of Artificial Human Optimization: All Optimization Algorithms which are based on Artificial Humans will come under Artificial Human Optimization Field. The basic entities in Particle Swarm Optimization are Artificial Birds. Similarly the basic entities in Artificial Human Optimization Field Algorithms are Artificial Humans. More details and algorithms related to Artificial Human Optimization Field are shown in [1].

Definition of Artificial Soul Optimization: The basic entities in Artificial Soul Optimization are Artificial Souls. These Artificial Souls move in search space to solve Optimization problems. Complete definition of Artificial Soul Optimization Field is given in [2].

Definition of Artificial God Optimization: The basic entities in Artificial God Optimization are Artificial Gods. The complete definition of Artificial God Optimization Field is shown in [3].

Definition of Artificial Satisfied Beings Optimization: Artificial Satisfaction branch is defined in [4]. Artificial Satisfied Beings Optimization is a sub-field of Artificial Satisfaction. The basic entities in Artificial Satisfied Beings Optimization are Artificial Satisfied Beings. The Artificial Satisfaction Algorithm defined in [4] belongs to Artificial Satisfied Beings Optimization area.

Definition of Deep Loving: Deep Loving is another name given for Artificial Mother Optimization. The basic entities in Deep Loving field algorithms are Artificial Mothers. More details related to Deep Loving area can be found in [5].

Definition of Artificial Children Optimization: Artificial Children move in search space and solves optimization problems in Artificial Children Optimization Field. The Children Cycle Riding Algorithm which belongs to Artificial Children Optimization Field is explained in [6].

Definition of Artificial Excellence: Artificial Excellence is a sub-field of Artificial Human Optimization Field. The basic entities in Artificial Excellence field algorithms are particular Artificial Humans. The world's first Artificial Excellence field algorithm is explained in [7].

Definition of Stories Inspired Optimization Algorithms: This is a new area where optimization algorithms are created by taking inspiration from stories. More details related to this new field are shown in [8].

Definition of Super Evolutionary Computing: Artificial Human Optimization, Artificial Soul Optimization, Artificial God Optimization, Artificial Satisfied Beings Optimization, Deep Loving, Artificial Children Optimization, Artificial Excellence and Stories Inspired Optimization Algorithms are sub-fields of Super Evolutionary Computing field.

Definition of Super Artificial Neural Networks: All Artificial Neural Networks Field algorithms which are created by taking inspiration from both Heart and Brain will belong to Super Artificial Neural Networks Field. The Artificial Heart Neural Networks Field defined in [9] is a sub-field of Super Artificial Neural Networks Field.

Definition of Super Computational Intelligence: Super Evolutionary Computing and Super Artificial Neural Networks are sub-fields of Super Computational Intelligence field.

Definition of Artificial Intelligence Plus Plus (AI++): Artificial Intelligence Plus Plus (AI++) is a superset of Artificial Intelligence (AI). Evolutionary Computing and Artificial Neural Networks are sub-fields of Computational Intelligence. Computational Intelligence is an area of Artificial Intelligence. Similarly Super Evolutionary Computing and Super Artificial Neural Networks are sub-fields of Super Computational Intelligence. Super Computational Intelligence is an area of Artificial Intelligence Plus Plus. Hence in addition to Artificial Intelligence, AI++ consists of Super Computational Intelligence. Super Computational Intelligence is made up of Super Evolutionary Computing and Super Artificial Neural Networks. Super Evolutionary Computing, Super Artificial Neural Networks and Super Computational Intelligence belongs only to AI++ and not AI.

Conclusions: In this letter we coined several new branches like "Artificial Intelligence Plus Plus (AI++)", "Super Evolutionary Computing", "Super Artificial Neural Networks", "Super Computational Intelligence". According to [7], there are INFINITE opportunities and INFINITE articles possible in Artificial Excellence field. Artificial Excellence is a sub-field of Artificial Human Optimization. Artificial Human Optimization is a sub-field of Super Evolutionary Computing. Super Evolutionary Computing is an area of Super Computational Intelligence. Super Computational Intelligence is a sub-field of Artificial Intelligence Plus Plus. Hence there are INFINITE articles and INFINITE opportunities possible in the new Artificial Intelligence Plus Plus field which is invented in this letter.

References:

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