
Higher order computability musings and absoluteness (LP version)

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Résumé

The primitive recursive functions were generalized to sets by Ronald Jensen and Carol Karp in their 1971 paper. Other higher order computability settings and models, in particular E -recursion and infinite time computation models, were later introduced by Dag Normann, Gerald Sacks, J.D. Hamkins, *et alii*. Various closure and reachability properties emerge from these settings and models, giving rise to the identification and study of specific ordinals linked to computability results and variants of the Lévy-Shoenfield absoluteness theorem. (LP version of my ASL 2018 special session talk)

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