

APPLICATIONS OF n-LINEAR ALGEBRA OF TYPE I

Smrutiranjana Sahoo
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In this seminar project we just introduce some applications of n-linear algebra of type I by W.B.Vasanth and Smarandache. We just recall stochastic process, stochastic bioprocess and similarly stochastic n process and Markov chains, Markov bichains and similarly Markov n-chains and its implications to linear bialgebra and n-linear bialgebra.

If we find the transition from one pair of state to another pair of state is not predetermined but can only be specified in terms of certain probabilities depending on previous history of the system then the bi process is called stochastic bioprocess.

If in addition we find that the transition probabilities depend only on the immediate history of the system; that is if the state of the system at any observation is dependent only on its state of the immediately preceding observation the process is called Markov bioprocess or Markov bichains.