Abstract

The total channel capacity of the system of channels composed of two independent subsystems of channel. On the basis of noise index and composability factor, we compared Kapur's entropy and Tsalli's entropy and found some promising results, which helps in the further generalization of communication systems and makes them more stable.

References

A Comparative Study of Tsalli’s and Kapur’s Entropy in Communication Systems


Index Terms

Computer Science

Communication Systems

Keywords

Generalized entropies  Tsalli’s entropy  Kapur’s entropy