Abstract

Risk assessment is a popular and important tool in decision making process. Risk assessment is generally performed using *models* and model is a function of some parameters which are usually affected by uncertainty. Here, we consider that model parameters are affected by epistemic uncertainty. To represent epistemic uncertainty in general triangular fuzzy number or trapezoidal fuzzy numbers are used. In this paper, we study Gaussian fuzzy number to represent epistemic type uncertainty and try to fuse with triangular fuzzy numbers and also risk assessment is carried out under fuzzy environment.

References

under Uncertainty. (Springer-Verlag, Berlin Heidelberg.)


Index Terms

Computer Science

Artificial Intelligence

Keywords

Risk Assessment  Epistemic Uncertainty  Gaussian Fuzzy Number