



Geosciences Division
Physical Research Laboratory

Tuesday Seminar

Mysteries in Error Propagation

Abstract

We often use “method of error propagation” to determine uncertainty (error) in a dependent variable from the measured uncertainty in the independent variables. Intuitive notion of error propagation in statistics suggests that random relative error in the dependent variable cannot be less than the sum of those in the independent variable(s). In this talk, I shall explain that some functions, however, do not follow this notion of error propagation. I shall further explain and discuss the behaviour of such functions and their implication to earth science observations.

Speaker: Dr. Arvind Singh
GSDN

Date	Time	Venue
03- September-2019	16:00 hrs	Ground Floor Lecture Hall

All are invited to attend and participate in discussion

Tea at 15:30 hrs

(Near Ground Floor Lecture Hall Foyer)

A. K. Sudheer, Geosciences Division