



The Geometry of Model Error

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Model error and observational errors are intertwined. Statistically it is not possible to completely separate the two, but by understanding and exploiting the dynamics of the model it is possible to pry them apart more than traditional statistical approaches can. It is found that the model's attracting regions play an important role. We will overview some recent theoretical developments and illustrate these with experiments on the Navy Operational Global Atmospheric Prediction System.