

Editorial

Rajaram Nityananda, Chief Editor

This issue features the meteorologist Edward Lorenz. He was among the first to realise the importance of chaotic, unpredictable behaviour in even very simple models of the weather. One could argue that the real world had its fair share of unpredictability even before his work helped us to understand it! Another remarkable scientist, George Sudarshan comes face-to-face with his former graduate student. My generation and few following had the privilege of interacting with him in his stays in Bangalore and Chennai. Some of the insight, perspective, and humour which many of us benefited from come through in this interview.



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Like a good Bollywood formula movie, we have mixed the usual ingredients – chemistry, physics, biology, a double dose of mathematics. Actually, there is some cheating here – Lorenz came from mathematics, and meteorology, but we physicists have conveniently appropriated his discoveries into our subject.

The Bollywood formula has changed over the years. But *Resonance* has remained remarkably faithful to its basic structure, while the readership, authorship, and editorship have evolved over the years. But evolution can spring surprises. For a long time nothing seems to happen and then bang! (That was the sound of an asteroid hitting the earth.) Dinosaurs are wiped out and new life forms, like mammals and ultimately us, take over. Given the amount of carbon dioxide we are putting out, the plants may be next in line – the ultimate green revolution?

Coming back to *Resonance*, something less catastrophic is happening – our twentieth birthday. On our part in the Editorial Board, some soul searching has started, initially in mathematics, but soon to spread to other areas, on how to assess our articles for their friendliness and usefulness to undergraduates and their teachers. It would be hugely helpful to us in our efforts if we receive more feedback on our articles, or general suggestions, not just about articles but our regular features, from all readers but especially from students and their teachers. Do write to our email id (resonanc@ias.ernet.in) or if you prefer, to the postal address. We do hope that we will obtain extensive feedback. This will be a very valuable input in our future evolution as a journal serving the science and mathematics learning and teaching communities.

