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## Miyashiro's Philosophy of Science and Laudan's Reticulated Model

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In his book What is Scientific Revolution(1998), Akiho Miyashiro (1920-2008) criticized Kuhn's and Lakatos's philosophy of science, saying that their ideas of paradigm (1962) and research programme (1978) were based on physics and did not apply to biology or geology. Also, he dismissed Laudan's idea of research tradition (1977) since it was "useless". However, after that, Laudan has developed his reticulated model of science in his Science and Value(1984). In this talk, we would like to bridge Miyashiro's various types of theories and this reticulated model. By doing this, we would like to fuse Miyashiro's unique philosophical insights into the contemporary philosophy of science.

Keywords: philosophy of science, history of science, earth science, geology