

From phenomenon to science

A quick look at scientific simplifications

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One main feature of what we call objective facts is their regularity. The methods of model-production, operationalization and concept reduction help us produce and discover these regularities. We must, however, beware of the amount of valuable information that gets lost in this process. In this talk I will run through some issues concerning the simplification of phenomena and concepts in order to somewhat clarify the possible pitfalls of not taking this information-loss seriously.