Hans Christian von Baeyer Quotes

Information, Way, Lying, Noise, Understanding, Probability, Two, Numbers, Law, Form, Land, Mind, Book, Taught Us, Communication, Defining, Problem, Smell, Order, Commodity

Information gently but relentlessly drizzles down on us in an invisible, impalpable electric rain.

~Hans Christian von Baeyer

Underneath the shifting appearances of the world as perceived by our unreliable senses, is there, or is there not, a bedrock of objective reality?

~Hans Christian von Baeyer

The smell of subjectivity clings to the mechanical definition of complexity as stubbornly as it sticks to the definition of information.

~Hans Christian von Baeyer

Both induction and deduction, reasoning from the particular and the general, and back again from the universal to the specific, form the essence to scientific thinking.

~Hans Christian von Baeyer

As every bookie knows instinctively, a number such as reliability - a qualitative rather than a quantitative measure - is needed to make the valuation of information practically useful.

~Hans Christian von Baeyer

Entropy is not about speeds or positions of particles, the way temperature and pressure and volume are, but about our lack of information.

~Hans Christian von Baeyer

The solution of the Monty Hall problem hinges on the concept of information, and more specifically, on the relationship between added information and probability.

~Hans Christian von Baeyer

If quantum communication and quantum computation are to flourish, a

new information theory will have to be developed.

~Hans Christian von Baeyer

An electron is real; a probability is not.

~Hans Christian von Baeyer

The switch from 'steam engines' to 'heat engines' signals the transition from engineering practice to theoretical science.

~Hans Christian von Baeyer

In order to understand information, we must define it; bit in order to define it, we must first understand it. Where to start?

~Hans Christian von Baeyer

The problem of defining exactly what is meant by the signal velocity, which cropped up as long ago as 1907, has not been solved.

~Hans Christian von Baeyer

Science has taught us that what we see and touch is not what is really there.

~Hans Christian von Baeyer

Numbers instill a feeling for the lie of the land, and furnish grist for the mathematical mill that is the physicist's principal tool.

~Hans Christian von Baeyer

In fact, an information theory that leaves out the issue of noise turns out to have no content.

~Hans Christian von Baeyer

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