



The Ingenious Mind of Nature: Deciphering the Patterns of Man, Society, and the Universe

By George M. Hall

Basic Books. Paperback. Condition: New. 464 pages. Dimensions: 8.2in. x 5.4in. x 1.0in. George Hall - teacher, historian, engineer, and computer analyst - uniquely draws upon the competing perspectives of traditional science, the exciting new science of chaos, and the burgeoning and important tenets of complexity theory, catastrophe theory, and fuzzy logic to look for a common theme. All of these perspectives, he finds, are fundamentally united by a common theme: the crucial patterns of elements and their dynamic change over time. Order - be it the growth of a fetus or the rumbling shift of continents - evolves because these patterns are themselves the blueprint and the programs by which nature shapes our awe-inspiring universe. Hall takes this elegant concept and carries it from the simplest phenomena to the most complex, including the evolution of the species. He then extends these concepts beyond the physical sciences, into the fascinating provinces of philosophy, computer programming, psychology, economics, political science, international relations, law, and ethics. In doing so, he tackles the challenging question of human behavior. Since we humans have initiative and can sometimes change the natural course of events, how can we find a system to understand our own actions and...



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