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science 1001 provides clear and concise explanations of the most fundamental and fascinating scientific concepts distilled into 1001 bite sized mini essays arranged thematically this unique reference book moves steadily from the basics through to the most advanced of ideas making it the ideal guide for novices and science enthusiasts whether used as a handy reference an informal self study course or simply as a gratifying dip in this book offers in one volume a world of cutting edge scientific knowledge for the general reader science 1001 is an incredibly comprehensive guide spanning all of the key scientific disciplines including physics chemistry biology the earth space health and medicine social science information science the applied sciences and futurology from newton s elemental laws of motion and the physics of black holes through the fundamental particles of matter to the extraordinary human genome project and the controversial possibilities of cloning and gene therapy dr paul parsons demystifies the key concepts of science in the simplest language and answers its big questions will scientists find a cure for aids how did the universe begin and will we conquer space concluding with an exciting glimpse of what s to come for science from the possibility of time travel to the spectre of transhumanism this really is the only science book you ll ever need

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artificial intelligence ai is defined as the simulation of human intelligence through the mimicking of the human brain for analysis modeling and decision making science and

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science in 100 key breakthroughs presents a series of clear and concise essays that explain the fundamentals of some of the most exciting and important science concepts you really need to know paul parsons profiles the important ground breaking and front of mind scientific discoveries that have had a profound influence on our way of life and will grow in importance with our advancing understanding in 100 sections this book provides an overview of the history of western science from astronomy and physics to geology biology and psychology and everything in between starting with the origins of counting more than 35 000 years ago science in 100 key breakthroughs tells a rich and fascinating story of discovery invention gradual progress and inspired leaps of the imagination many key concepts and discoveries are defined and discussed including the circumference of the earth chaos theory algebra relativity newton s principia brownian motion pi wave particle duality germ theory the computer x rays the double helix viruses the human genome readable informative and thought provoking this is the ideal introduction to cutting edge science and the essential overview for anyone who wants to learn more about these often daunting but increasingly essential subjects

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