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of sustainable engineering and built environment at arizona state university rittmann has received many accolades during his career buy environmental biotechnology principles and applications bruce e rittmann perry l mccarty on amazon com free shipping on qualified orders biotechnology is the research and development in the laboratory using bioinformatics for exploration extraction exploitation and production from any living organisms and any source of biomass by means of biochemical engineering where high value added products could be planned reproduced by biosynthesis for example forecasted formulated biotechnology a researcher processing biological samples in a laboratory to purify molecules for the production of therapeutic proteins more for more than a decade the biotechnology industry was dominated by recombinant dna technology or genetic engineering at its simplest biotechnology is technology based on biology biotechnology harnesses cellular and biomolecular processes to develop 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