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1.

	TECHNOLOGY, ENGINEERING, AND ECONOMICS Teachable Moment: The Dismal Scientist versus the Technological Optimist ENGINEERING COMPETENCE; ENGINEERING: BOTH INTEGRATED AND SPECIALIZED; WHO IS A PROFESSIONAL?; WHAT IS TECHNICAL?; SYSTEMATICS: INCORPORATING ETHICS INTO THE DESIGN PROCESS; NOTES AND COMMENTARY; Chapter 2 Bioethics and the Engineer; MAJOR BIOETHICAL AREAS; CLONING AND STEM CELL RESEARCH; Teachable Moment: Nanog; HUMAN ENHANCEMENT; PATENTING LIFE; Teachable Moment: Patenting Germplasm; NEUROETHICS; ORGAN TRANSPLANTATION; RESPONSIBLE CONDUCT OF HUMAN RESEARCH; ANIMAL TESTING; Is the Research Worth It? Systematic Reality Check GENETICALLY MODIFIED ORGANISMS;
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Sommario/riassunto	Biomedical Ethics for Engineers provides biomedical engineers with a new set of tools and an understanding that the application of ethical measures will seldom reach consensus even among fellow engineers and scientists. The solutions are never completely technical, so the engineer must continue to improve the means of incorporating a wide array of societal perspectives, without sacrificing sound science and good design principles.Dan Vallero understands that engineering is a profession that profoundly affects the quality of life from the subcellular and nano to the planetary scale. Protect