Philosophy And Engineering:

DOWNLOAD HERE

Part 1: Philosophy - Editors: Carl Mitcham and Michael Davis- 2. Distinguishing architects from engineers. A pilot study in differences between engineers and other technologists, Michael Davis- 3. The rise of philosophy of engineering in the East and the West, Li Bo-con - 4. Multiple facets of philosophy and engineering, Paul T. Durbin- 5. Comparing approaches to the philosophy of engineering. Including the linguistic philosophical approach, Carl Mitcham and Robert Mackay- 6. Focusing philosophy of engineering. Analyses of technical functions and beyond, Pieter E. Vermaas- 7. Philosophy, engineering and the sciences, Jospeh C. Pitt- 8. Engineering science as a discipline of the particular? Types of generalization in engineering sciences, Marc J. de Vries - 9. How the models of engineering tell the truth, Zachary Pirtle- 10. Limits to systems engineering, Maarten Ottens- Part 2: Ethics- Editors: P. Aarne Vesilind and Ibo van de Poel- 11. Integrity and the ethical responsibilities of engineers, Alastair S. Gunn-12. Prioritizing people. Outline of an aspirational engineering ethic, W. Richard Bowen- 13. Ethical principles for engineers in a global environment, Heinz C. Luegenbiehl- 14. Professional ethics without a profession. A French view of engineering ethics Christelle Didier- 15. Imagining worlds. Responsible engineering under conditions of epistemic opacity, Mark Coeckelbergh- 16. Transferring responsibility through use plans, Auke Pols- 17. Design problems and ethics, Wade Robison- 18. Ethics in innovation. Cooperation and tension, Merle de Kreuk, Ibo van de Poel, Sjoerd Zwart and Mark van Loosdrecht- 19. Teaching ethics to engineering students: from clean concepts to dirty tricks. The impact of practical circumstances and personal relationships on ethical decision-making, Otto Kroesen and Sybrand van der Zwaag- 20. A collaborative platform for experiments in ethics and technology, Peter Danielson- Part 3: Reflection- Editors: Billy Vaughn Koen and David E. Goldberg- 21. Why Philosophy? Why Now? Engineering responds to the crisis of the creative era, David E. Goldberg- 22. A world of things not facts, Natasha McCarthy- 23. Architecting Engineering Systems, Joel Moses- 24. Bits don t have error bars. Upward conceptualization and downward approximation, Russ Abbott- 25. Metaphysics of Engineering, Taft H. Broome, Jr.- 26. Engineering determinacy. The exclusiveness of technology and the presence of the indeterminate, Albrecht Fritzsche- 27. The focal engineering experience, Gene Moriarty- 28. Quo

Vadis, Humans? Engineering the Survival of the Human Species, Billy Vaughn Koen EAN/ISBN:

9789048128044 Publisher(s): Springer Netherlands Format: ePub/PDF

DOWNLOAD HERE

Similar manuals: