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Nota di contenuto	Contents; 1. Arrival of Digital Technologies and Their Applications; 2. Digitizing the American Economy; 3. Presence and Role of Manufacturing Industries in the American Economy; 4. Business Patterns and Digital Applications in the Transformation of Manufacturing Industries; 5. Patterns and Practices in Three Traditional Manufacturing Industries: Automotive, Steel, and Aerospace; 6. Patterns and Practices in Three Process Industries: Petroleum, Chemical, and Pharmaceuticals; 7. Manufacturing Practices in Information Technology Industries: Semiconductors, Hard Disk Drives, and Software 8. Business Practices and Digital Applications in the Transformation of Transportation Industries: Trains and Trucks 9. Presence of Wholesale and Retail Industries in the American Economy; 10. Business Patterns and Digital Applications in the Transformation of the Wholesale and Retail Industries; 11. Patterns and Practices in Three Retail Industries:

Grocery, Apparel, and E-tailing; 12. Conclusion: How Computers Changed the American Economy; Appendix A: How to Study the Role of Computing by Industry

Appendix B: The Universal Product Code (UPC), Optical Character Recognition (OCR), and Point-of-Sale (POS)Notes; Bibliographic Essay; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; Y

Sommario/riassunto

This text provides a historical perspective on how some of the most important American industries used computing over the past half century, describing their experience, their best practices and the role of industries and technologies in changing the nature of American work.