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                      Acknowledgments -- Introduction Cities, Trees &amp -- Algorithms --
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                      -- 4. Maintenance Codes -- Conclusion Platforms, Grafts &amp --
                      Arboreal Intelligence -- Notes -- Index -- Photo Credits.

   Sommario/riassunto A bold reassessment of "smart cities" that reveals what is lost when we
                      conceive of our urban spaces as computersComputational models of
                      urbanism-smart cities that use data-driven planning and algorithmic
                      administration-promise to deliver new urban efficiencies and
                      conveniences. Yet these models limit our understanding of what we can
                      know about a city. A City Is Not a Computer reveals how cities
                      encompass myriad forms of local and indigenous intelligences and
                      knowledge institutions, arguing that these resources are a vital
                      supplement and corrective to increasingly prevalent algorithmic
                      models.Shannon Mattern begins by examining the ethical and
                      ontological implications of urban technologies and computational
                      models, discussing how they shape and in many cases profoundly limit
                      our engagement with cities. She looks at the methods and underlying
                      assumptions of data-driven urbanism, and demonstrates how the "city-
                      as-computer" metaphor, which undergirds much of today's urban

policy and design, reduces place-based knowledge to information processing. Mattern then imagines how we might sustain institutions and infrastructures that constitute more diverse, open, inclusive urban forms. She shows how the public library functions as a steward of urban intelligence, and describes the scales of upkeep needed to sustain a city's many moving parts, from spinning hard drives to bridge repairs.Incorporating insights from urban studies, data science, and media and information studies, A City Is Not a Computer offers a visionary new approach to urban planning and design.