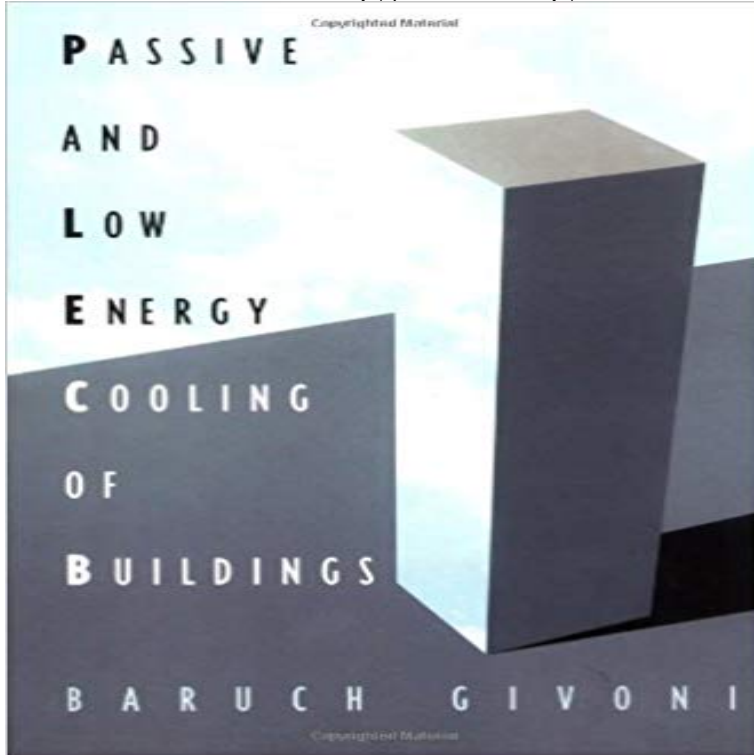


# Passive Low Energy Cooling of Buildings



A practical sourcebook for building designers, providing comprehensive discussion of the impact of basic architectural choices on cooling efficiency, including the layout and orientation of the structure, window size and shading, exterior color, and even the use of plantings around the site. All major varieties of passive cooling systems are presented, with extensive analysis of performance in different types of buildings and in different climates: ventilation; radiant cooling; evaporative cooling; soil cooling; and cooling of outdoor spaces.

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All major varieties of passive cooling systems are presented, with extensive analysis of performance in different types of buildings and in different climates: ventilation radiant cooling evaporative cooling soil cooling and cooling of outdoor spaces. The paper summarizes the state of the art of passive and low-energy cooling systems for buildings: comfort ventilation, nocturnal convective

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