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also play a key role in the implementation of structural rehabilitation which is essential for the realization and promotion of sustainable buildings. The technique of structural health monitoring is inevitable for the reliable and effective installation of passive dampers during the structural rehabilitation or retrofit.

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induced in opposite direction so that the building remains motionless and structure remains safe.

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Building control with passive dampers / Izuru Takewaki. p. cm. Includes bibliographical references and index.

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Passive-- This is an uncontrolled damper,

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which requires no input power to operate. They are simple and generally low in cost but unable to adapt to changing needs. Active-- Active dampers are force generators that actively push on the structure to counteract a disturbance. They are fully controllable and require a great deal of power.

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