ANALYTICAL STUDY OF BASE ISOLATION SYSTEM ON MEDIUM-RISE REINFORCED CONCRETE BUILDING FOR INDIAN SUBCONTINENT

भारतीय उपमहाद्वीप के लिए मध्यम-राइज़ प्रबलित कंक्रीट बिल्डिंग पर बेस आइसोलेशन सिस्टम का विश्लेषणात्मक अध्ययन

A

Thesis

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2023

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LIST OF SYMBOLS & ABBREVIATIONS

Symbols	Abbreviations
EQ	Earthquake
RS	Response Spectrum
RC	Reinforced Concrete
NRB	Natural Rubber Bearing
LRB	Lead Rubber Bearing
TFPB	Triple Friction Pendulum Bearing
HDRB	High Damping Rubber Bearing
LDRB	Low Damping Rubber Bearing
FPB	Friction Pendulum Bearing
FD	Friction Damper
FS	Friction Slider
FF	Floor Finish
LL	Live Load
E	Youngs Modulus
G	Shear Modulus
K	Modification Factor
ε_b	Elongation of Rubber at Break
f_{py}	Yield Strength of Core

σ_a	Allowable Normal Stress
F_s	Shear Yield Strength of Steel
f_y	Yield Strength of Steel Plate
IS	Indian Standards
GL	Ground Level