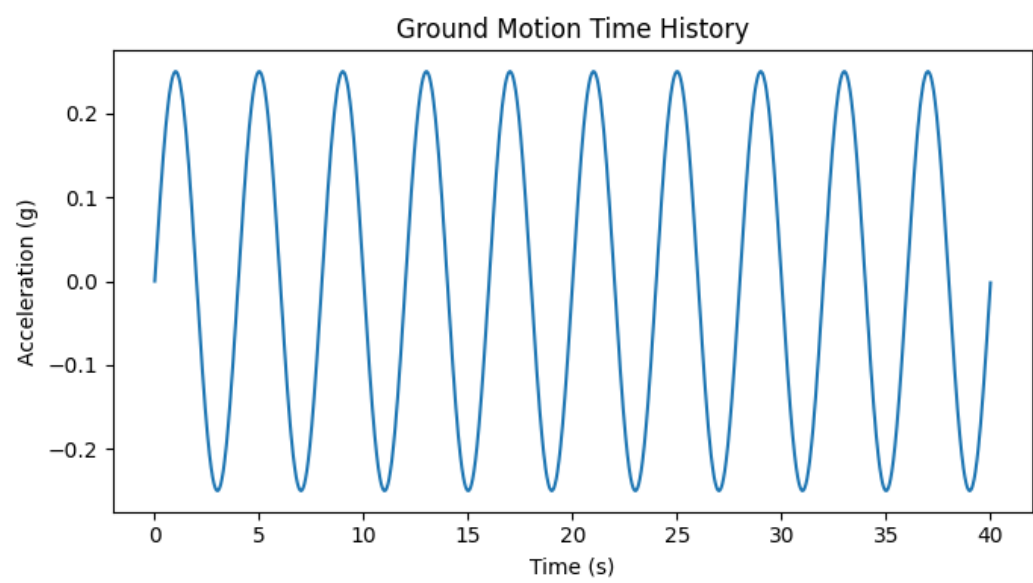


Nonlinear Seismic Performance Assessment of an 18-Storey RC Frame

Introduction

This document presents a nonlinear seismic performance assessment of an eighteen-storey reinforced concrete moment-resisting frame subjected to increasing seismic intensity using nonlinear time-history and incremental dynamic analysis.

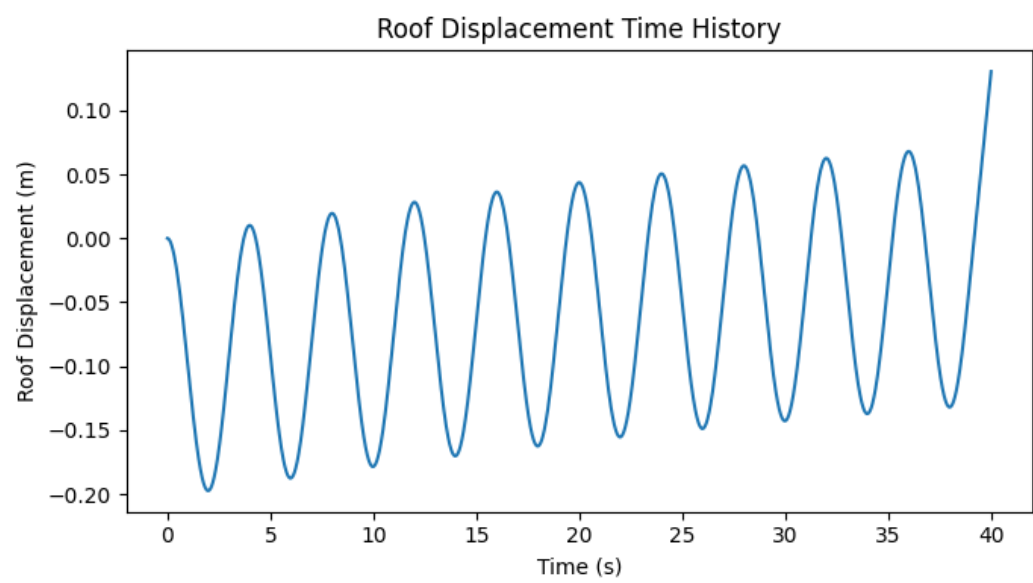
Ground Motion Input



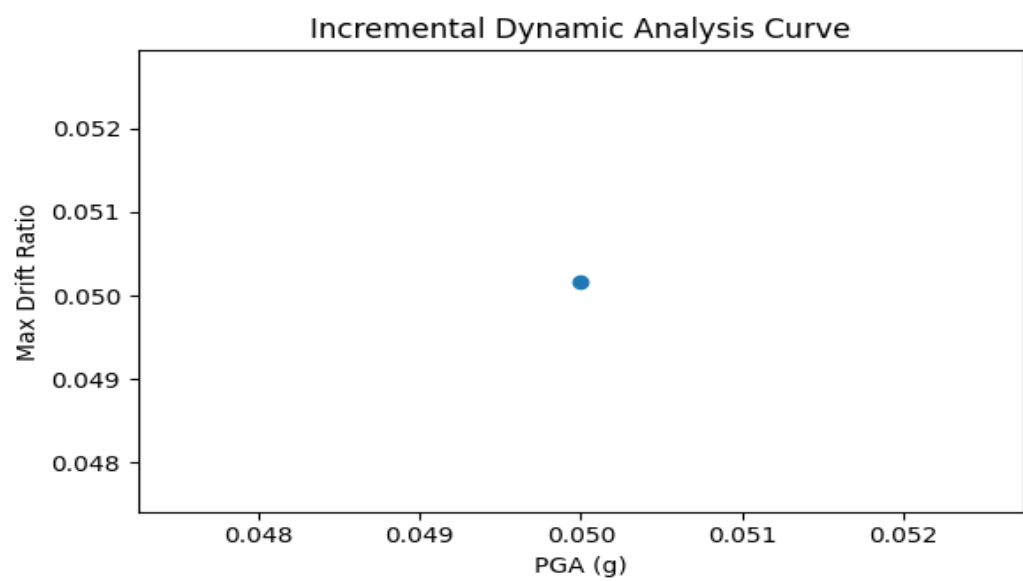
Modal Properties

Mode	Period (s)
1	5985.244
2	1926.790
3	1076.063

Roof Displacement Response



Incremental Dynamic Analysis



PGA (g)	Max Drift
0.05	0.0502