**Answer sheet Module: Uncertainty in nonlinear static analyses of structures**

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|  | **Required result** |
| 1a | *Vdesgin* =  |
| 1b | ASCE/SEI 41roof target displacement DBE = roof target displacement MCEr =  |
| 1c | Lateral load patter per ASCE/SEI 41 |
| 2f |  |
| 2g | Calculated overstrength factor = DBE roof drift ratio = DBE story 4 drift ratio= DBE story 3 drift ratio= DBE story 2 drift ratio= DBE story 1 drift ratio=  |
| 2h | Building seismic performance assessment: |
| 3b | **Pushover curves for COV = 0.10 for all random variables****Pushover curves for COV = 0.30 for all random variables****Pushover curves for COV = 0.50 for all random variables** |
| 3c | Analysis of the results including your recommendations for the experimental campaign that the owner should consider: |