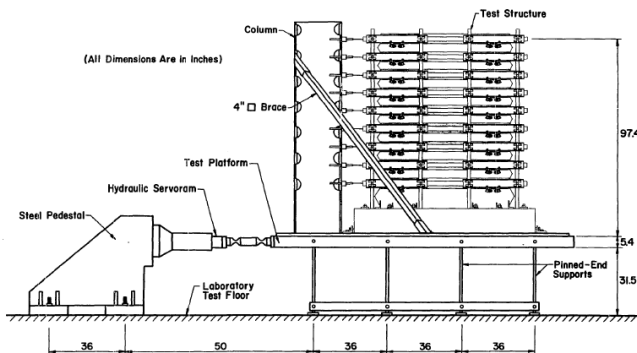
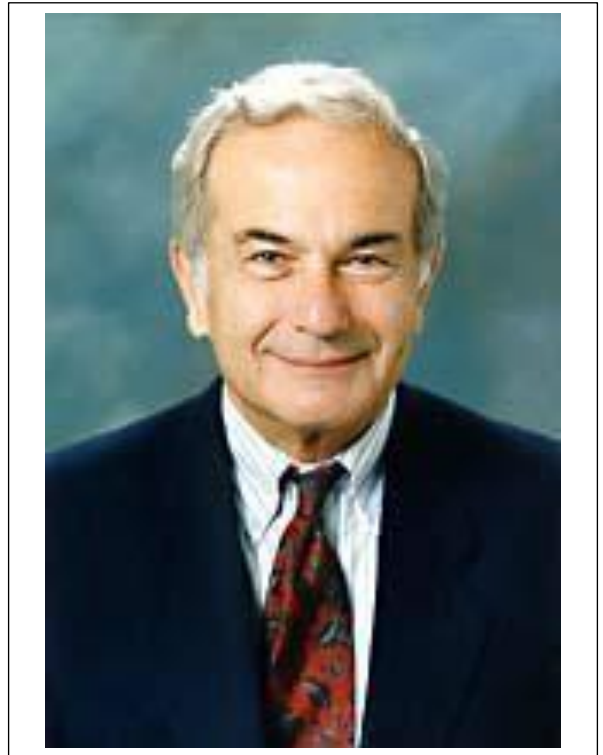


Prof. Mete A. SÖZEN

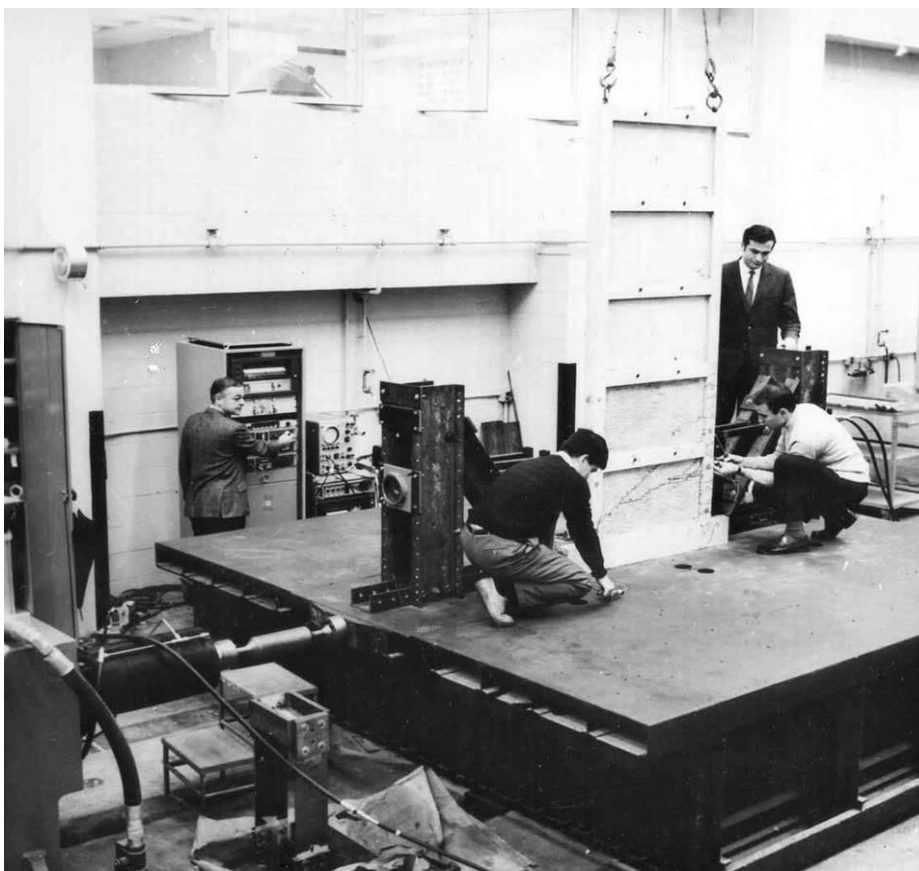


Earthquake Simulator installed by Prof. Mete SÖZEN.

Prof. Mete SÖZEN was a key figure for development of professional design codes for reinforced and prestressed concrete structures, and for earthquake-resistant design of reinforced concrete structures. He was behind the purchase and installation of first in USA earthquake simulator in 1968.



Watch and interview with Prof. Mete SÖZEN: <https://www.youtube.com/watch?v=OpR8eWhptuw>



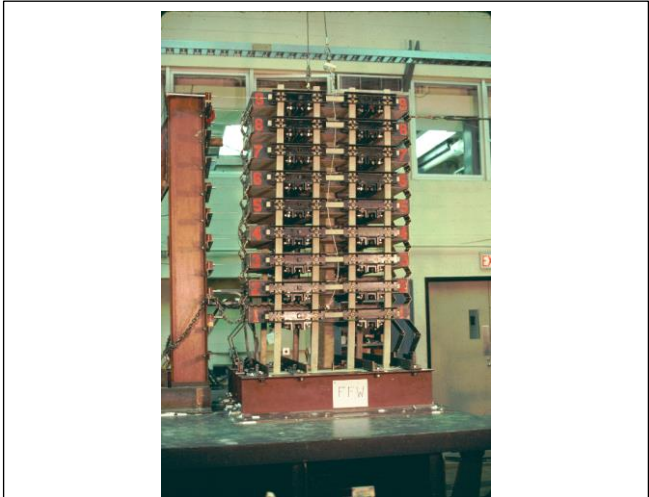
The first in USA Single-Axis Earthquake Simulator, delivered in 1967 and becoming operational in 1968. The 3.6-m square table had a five-ton payload capacity and was built by an aerospace company in California.

In the photo clockwise from left: N. Nielsen (at the controller), Prof. M. Sözen, P. Gülkan and S. Otani.

Below are examples of testing setups in NSEL using Earthquake Simulator.



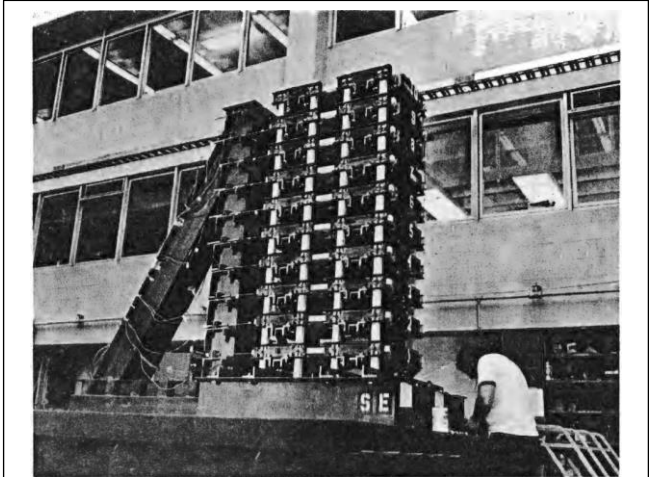
Complex Frame and Shear Wall.



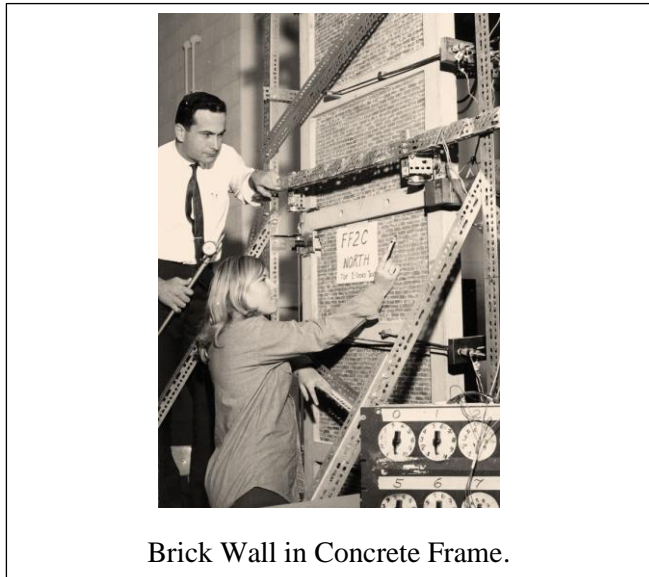
Complex Frame and Shear Wall.



Simple Frame



Complex Frame and Shear Wall.



Brick Wall in Concrete Frame.



Seismic Performance of Brick Veneer on Wood Frame Construction. 2004