







Setting a direction for 50 years of development Design of Multiplicity Pointbreed Concrete Buildings for Earthquake Motions

Setting a direction for 50 years of development 1963 SEAOC Blue Book For buildings over 160 ft tall and using K=0.67, "...the frame shall be made of a ductile material or a ductile combination of materials such as a steel frame with moment-resistant connections or by other systems proven by tests and studies to provide equivalent energy absorption." 1965 SEAOC Blue Book Ductile moment-resisting space frame concrete and reinforcement materials restrictions beam reinforcement ratios, splice locations, anchorage provisions, capacity design for shear, web reinforcement column laps at midheight, special transverse reinforcement joints design specified column/beam moment strength ratio established Walls confined boundary elements

































