

Keyword Index Volume 7 (2011)

AASHTO	87	I-girder	115
AASHTO specifications	151	innovative bridge	55
AREMA	87		
		long-term bridge monitoring	139
bascule bridge	19		
blast loads	31	modeling	165
bridges	165		
bridge design	19	non-destructive testing	165
bridge deck longitudinal cracking	139	normal walking	75
bridge for environment heating and cooling	55		
bridge for grid power balancing	55	out-of-plane web distortion	139
bridge piers	31		
bridge resonance response	65	pedestrian bridges	65
		pedestrian	75
		plumb	115
cable forces	125	prescriptive design-build	65
cable-stayed bridge	125	prestress sequence	125
cable-stayed bridges	65		
CAES	55	response spectra	31
caverns	55	rolling stock analysis	65
circular sections	43		
compact	43	security design	31
compressed air energy storage	55	segmental construction	125
construction	115	seismic analysis	65
crack growth	139	serviceability	43
creep	125	shrink fitting	19
		simplified analysis	31
deflection	165	simulation	75
design of experiments	19	skewed	115
digital image correlation	165	skewed bridges	151
		standoff distance	31
empirical deck design	139	steel	115
energy storage bridge	55	steel girder bridges	151
ESB	55	steel-pipe deck	55
extreme event	31	stress analysis	19
		structural health monitoring	165
finite element analysis	115	synchronous lateral excitation	65
finite element analysis	151		
finite element analysis	19	transit bridges	65
force	75		
fracture	19	unconfined blast	31
gait	75	vertical lift bridge	87
hollow	43	web	115
horizontal force	75	wire rope	87