

Author Index

- Balachandran, B., 327
Bay, F., 231
Benjeddou, A., 251
Boisse, P., 311
Bouchard, P.O., 231
Bouillard, Ph., 59
Bürmann, P., 1
Bursi, O.S., 171

Cacciola, P., 31
Chenot, J.L., 231

Daniel, J.L., 311
Degenhardt, R., 1
Doltsinis, I., 139

Frangopol, D.M., 353

Juhasz, J., 1

Karihaloo, B.L., 111
Kaveh, A., 77

Massart, T.J., 59
Mertens, T., 59
Mota Soares, C.A., 281
Mota Soares, C.M., 281
Muscolino, G., 31

Nardini, L., 171
Neves, L.C., 353

Papa, E., 201
Pinto Correia, I.F., 281
Preidikman, S., 327

Rolfes, R., 1

Salvatore, W., 171
Soulat, D., 311

Keyword Index

- actuators, 281
- adaptive control, 171
- adaptive structures, 251
- adjacency, 77
- algebraic graph theory, 77
- axial load effects, 327
- bifurcation, 139
- bisection, 77
- bridges, 353
- buckling, 327
- composites, 1, 59, 311
- continuous fibres, 311
- cost, 353
- creep, 201
- curvature and displacement mode shape, 171
- curved shells, 1
- damage, 201
- deformation processes, 139
- deterioration, 353
- dispersion, 59
- Düffing oscillator, 327
- dynamic response, 31
- eigenvalue, 77
- elastic–plastic solids, 139
- error estimator, 111
- existing structures, 353
- experimental tests, 201
- fabric behaviour, 311
- factors, 77
- Fiedler vector, 77
- finite element, 111, 231
- finite element method, 281
- forming, 311
- fracture mechanics, 231
- genetic algorithms, 353
- graph product, 77
- health monitoring, 171
- HTP-connection beam, 1
- instability, 139
- laminated shells, 281
- Laplacian, 77
- local buckling, 1
- maintenance, 353
- masonry, 201
- medium frequency, 59
- micro-scale resonators, 327
- model reference, 171
- modelling, 251
- Monte Carlo simulation, 31
- moving least-squares, 111
- non-linear phenomena, 327
- numerical simulations, 201
- optimization, 353
- optimization tools, 1
- ordering, 77
- piezoelectric actuation, 327
- piezoelectric composites, 251
- piezoelectric materials, 281
- pinching, 311
- pollution error, 59
- porosities, 311
- post-buckling, 1
- random response, 31

- reanalysis, 31
- review, 59
- sensors, 281
- shell, 311
- simulation, 251, 353
- specific finite element, 311
- stability analysis, 171
- state of the art, 59
- statically admissible, 111
- stiffened panel, 1
- stress recovery, 111
- structural system identification, 171
- symmetry, 77
- tailored fibre placement, 1
- thermoplastic, 311
- uncertain parameters, 31
- uncertainty, 353
- vibro-acoustics, 59
- viscous solids, 139

