

Subject Index

- Banach space 18
- Benard problem 1, 151
- bifurcation point 2, 37
- bifurcation equations 42, 87, 89
 - covariance 87
 - reduced 71, 73
 - tensor character 89
- bifurcation 4, 31, 40, 51
 - Hopf simple eigenvalue 39, 84
 - multiple eigenvalues 70
- Boussinesq equations 5, 179
- Busse 16, 184
- characters 101, 103
- covariance 85, 87, 89, 115
- conjugacy classes 102, 136
- derivation 133
- doubly periodic functions 154
- Dynamo problem 6
- Elliptic systems 22
- Euclidean invariance 151
- Floquet exponents 59
- Fredholm operators 19, 21, 54
- Frechet derivative 32, 33
- Frobenius 203
- G-invariant functions 204, 205
- Hölder spaces 23
- Hopf 4, 31, 40, 51
- Implicit function theorem 35, 41, 57
- infinitesimal generators 127, 134, 203

local transformation groups 201
Lyapounov-Schmidt 70
Newton diagrams 71
pattern selection 167, 181
phase transitions 183
projections 20
prolongation 213, 221
Sobolev spaces 23
Stability 38, 39, 59, 64, 78, 82
symmetry breaking 151, 183
time periodic solutions 51
variational methods 185, 191
wave trains 11, 13
Wigner 3 -j dymbols 184