

Index

- Arzela—Ascoli's theorem 63
- Banach lattice 19, 25
- Banach spaces 17-19
- Bernstein's inequality 7, 23, 89
- Borel measue 93
- Boyd index 5, 38
- Calderon-Mityagin's theorem 2
- central limit theorem 37, 70
- characteristic function 1, 44, 53, 61
- closure subspace 88
- complemented function 84, 88
- decreasing rearrangement 2
- disjoint r.v.s 8
- disjointification 13
- distribution 1
- dual space 2
- equivalent functions 9
- exponential Orlicz spaces 42, 83
- function of dilatation 4
- fundamental function 4, 30
- Hölder's inequality 67
- indicator 2
- infinite sums 80
- Kolmogorov's theorem 74
- Kruglov's theorem 10, 42, 75
 - property 11, 16, 17, 42
- Kwapien and Richlik's inequality 8, 84
- Lebesgue measure 92
- Lévy—Khintchin spectral function 72, 75-77
- mean value 1
- median 5
- Paley and Zygmund's inequality 7, 23, 34, 52, 89
- projector 88, 111
 - special 105
- Prokhorov's 'arcsinh' inequality 7, 35
- Prokhorov's inequality 8, 75
 - random variable 1
- Rademacher systems 88
 - reduction to 96
- Rosenthal's inequality 21, 70
- standard q -stable distribution 78
- symmetrization 90
- symmetric group 105
- Vitali—Hahn—Saks theorem 108
- von-Bahr and Esseen p -property 34
- weak Rosenthal p -property 38
- weakly convergent 3