

# Index

- $\|\cdot\|_{(2)}$  18
- $\|\cdot\|_{(1)}$  20
- $\langle \cdot, \cdot \rangle_{(2)}$  18
- $\mathcal{A}$  119
- adapted random measure 120
- adjoint operator 16
  
- Baire's first category 6
- Baire's second category 6
- Banach space 3
- Banach-Alaoglu theorem 55
- Bessel inequality 14
- Bochner functional 62
- Borel measures  $\mathcal{M}(X)$  47
- Borel probability measures  $\mathcal{P}(X)$  47
- Borel sets  $\mathcal{B}(X)$  47
- bounded functional 7
- bounded operator 16
- bounded set 7
- Brownian sheet (B.S.) 97
  
- $C([0, T], X)$  71
- C-tight 174
- cable equation 128
- canonical injection 30
- Cauchy sequence 3
- characteristic function 62
- characteristic measure 121
- class (QL) 120
- closed operator 26
- compact operator 17
- compactness in topology of weak convergence 56
- compatible family 40
- compatible norms 30
- compatible with  $(\Phi, H, \Phi')$  40
- compensator 120
- complete 3
- complete orthonormal system (CONS) 12
- completion 5
- cone condition 320
- continuous part 120
- conuclear space 85
- countably Hilbertian nuclear space (CHNS) 30
- countably Hilbertian space 30
- covariance functional 102
- cylindrical Brownian motion (c.B.m) 93
  
- $\mathcal{D}$ -martingale problem 244
- $D([0, T], X)$  71
- dual operator 16
- dual space 7
  
- evolution solution 155
- exchangeable random variables 287
- explosion time 150
- extension 113
  
- Frèchet space 3
  
- Garsia's theorem 311
- Gaussian random field 97
- Gel'fand triplet 33
- generator 25
- Good measure 202
- Good process 201