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Symbol Index

Classes

$A_p(\mathbb{R}^n)$	5	F_Q	360, 372, 379
$\mathbb{A}_{p(\cdot)}(\Omega)$	5	Γ	468
$\mathcal{A}_{p(\cdot)}(\mathbb{R}^n)$	6	$\mathcal{K}(X, Y)$	150
$\mathcal{A}_{p(\cdot)}(\Omega)$	6	$\mathcal{M}_{0,\infty}(\mathbb{R}_+)$	17
$\mathcal{A}_{p(\cdot)}(\Omega)$	29, 47	$OPS_{1,0,0}^m$	484
$A_p(\mathbb{R}^n)$	29	$OPSO^m$	485
$A_p^+(I)$	300	$OPSO_0^m$	485
$A_1^+(I)$	301	$OPSO_d^m$	485
$A_p^-(I)$	301	$OPSO_{+\infty}$	500
$A_1^-(I)$	301	$OPSO_{+\infty,d}$	500
$A_{pq}^+(\mathbb{R}_+)$	301	$OPS_{+\infty}^{\circ}$	500
$A_{pq}^-(\mathbb{R}_+)$	301	$OP\mathcal{E}(n)$	509
$A_p^{a,r}$	356	$OP\mathcal{E}_d(n)$	509
$A_r(X)$	271	$OP\mathcal{E}_{sl}(n)$	510
$BC(\Omega)$	441	$OP\mathcal{E}_{sl,d}(n)$	510
$B_0^{\text{sup}}(\mathbb{R}^n)$	464	$OP\mathcal{E}_0(n)$	510
DC	170	$\mathfrak{P}(\Omega)$	8
$DC_0(\mathbb{R}_+)$	204	$\mathcal{P}(\Omega)$	5
\mathcal{D}_n	372	$\mathbb{P}(\Omega)$	5
$\mathcal{D}(\mathbb{R})$	323	$\mathcal{P}^{\log}(\Omega)$	5
D	352	$\mathbb{P}^{\log}(\Omega)$	5
$DC_0(x_0)$	222	$\mathcal{P}_{\infty}(\Omega)$	5
$\mathcal{D}^{(k)}$	237	$\mathbb{P}_{\infty}(\Omega)$	5
\mathcal{D}	237, 371	$\mathcal{P}_{\infty}^{\log}(\Omega)$	5
$\mathcal{E}(n)$	509	$\mathbb{P}_{\infty}^{\log}(\Omega)$	5
$\mathcal{E}_d(n)$	509	$\mathcal{P}_{0,\infty}(\mathbb{R}_+)$	5
$\mathcal{E}(n)$	509	$PC(\Gamma)$	469
$\mathcal{E}_{sl,d}(n)$	509	$P_{N,x}$	223
$\mathcal{F}(\Omega)$	111	P_x	223
$F_R(X, Y)$	150	$\mathcal{P}^{\log}(X, x)$	223
Φ_{γ}^{β}	31, 37	$\overline{\mathcal{P}}^{\log}(X, x)$	223

$\tilde{\mathcal{P}}(\Omega)$	135	$SO_{+\infty, d}$	500
$\mathcal{P}(\Gamma)$	30	$\mathring{S}_{+\infty}$	500
$\mathcal{P}^{\log}(\Gamma)$	30	$\tilde{S}_{1,0}^0$	504
$\mathbb{P}^{\log}(\Gamma)$	30	$\mathcal{V}_{N,p(\cdot)}$	98
$\mathcal{P}_{\infty}(\Gamma)$	30	$V^{\text{osc}}(\Omega, \Pi)$	109
$\mathcal{P}_{\infty}^{\log}(\Gamma)$	30	$V^{p(\cdot)}$	287
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$\mathcal{P}_{-}^{\log}(I)$	298	$V_{r(\cdot)}(I)$	129
$\mathcal{P}_{+}^{\log}(I)$	298	$\bar{V}_{r(\cdot)}(I)$	129
$\mathcal{P}_{\mu}^{\log}(X)$	75	V_{λ}	203
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$\mathcal{R}_{\text{sl}}(c, d)$	511	W_0	30
$\mathcal{R}(B)$	494	$\mathcal{W}_0(\mathbb{R}^n)$	400
$\mathcal{R}_{\text{sl}}(B)$	494	\overline{W}	30
$\overline{RDC}^{(d)}$	238	\underline{W}	30
$\overline{RDC}(\mathbb{R}^n)$	356	\overline{W}_{∞}	30
RDC	171, 221	\overline{W}_{∞}	31
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SO^m	485	\mathbb{Z}_{γ}	31
SO_0^m	485	$\widehat{\mathbb{Z}}^{\beta}$	36
SO_d^m	485	$\widehat{\mathbb{Z}}_{\gamma}$	36
$SO_{+\infty}$	500	$\mathbb{Z}^{\beta_0, \beta_{\infty}}$	37
		$\mathbb{Z}_{\gamma_0, \gamma_{\infty}}$	37

Function Spaces

$\mathcal{B}(X)$	499	$L^{p(\cdot)}(\mathbb{S}^n, \varrho)$	29
BMO	69	$(L^{p(\cdot)}(I), l^q)_{\alpha}$	135
$B^{\alpha}[L^{p(\cdot)}(\mathbb{R}^n)]$	410	$(L_u^{p(\cdot)}(I), l^q)_{\alpha}$	135
$C_0^{\infty}(\mathbb{R})$	499	$(L_u^{p(\cdot)}(I), l^q)_d$	135
$C_b^{\infty}(\mathbb{R})$	499	$(L_u^{p(\cdot)}(I), l^q)$	135
$\mathcal{C}^m(0, \varepsilon)$	513	$L^{p(\cdot)}(\Omega)$	2
$\tilde{\mathcal{C}}^m(0, \varepsilon)$	513	$L^{p(\cdot), \alpha}(\mathbb{R}^n)$	403
Φ	400	$L^{p(\cdot)}(\Omega, \varrho)$	2
Φ'	400	$[L^{p(\cdot)}(\Omega, \varrho)]^*$	28
H^{λ}	70	$L^{p(\cdot)}(\mathbb{S}^n, \varrho_{\beta})$	93
H	70	L^{Φ}	96
$H^s(\mathbb{R}^n)$	484	$L^{\Phi}(X, w)$	105
$H^{s,p(\cdot)}(\mathbb{R}^n)$	486	$(L_u^{p(\cdot)}(I), l^q)_{\alpha}$	135
$I^{\alpha}[L^{p(\cdot)}]$	400	$L_{\text{dec}}^{p(\cdot)}(u, \mathbb{R}_+)$	352
$L^{p(\cdot)}(\Gamma)$	468	$M^{1,p(\cdot)}(X)$	447
$L_w^{p(\cdot)}(\Omega)$	2		

$W^{m,p(\cdot)}(\Omega)$	441	X	455
$W^{p(\cdot),\infty}(\mathbb{R}^n)$	403	X^a	456
$X + Y$	10	X'	456
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Miscellaneous

\hookrightarrow	444	$l(Q)$	370
\widehat{B}	355	ℓ	468
D^+	468	$m_\infty(x)$	10
D^-	468	$M_\infty(x)$	10
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I^-	331	\widehat{Q}	355
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$\mathfrak{D}^{\alpha(\cdot)}$	450	$H_{w,v}^*$	284
Δ_y^ℓ	395	$I_{p(\cdot)}$	3
$\mathbb{D}_{\ell,\varepsilon}^\alpha$	396	$I^{\alpha(\cdot)}$	67, 260, 355
Δ_n^α	425	$I_m^{\alpha(\cdot)}$	76
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$H_{v,w}^{\mathbb{R}}$	137	$I^{\alpha(x)}$	287
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\mathcal{K}_v	129	$\widetilde{\mathcal{M}}_{\alpha(\cdot)}^{J,(d)}$	368
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K	322	\mathcal{M}_{α}^S	386
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