

INDEX OF SYMBOLS.

$A(\Gamma)$	5.3
$AP(G)$	18.1
\mathcal{B}	1.3
$B(\Gamma)$	6.1
$B(G)$	6.7
$B(Z), B^F(Z)$	15.1
βX	2.10
$C(X)$	0.1
$C_{lu}(G), C_{ru}(G)$	16.1
$C_u(G)$	16.2
$C_{oo}(X)$	1.1
$C_{\infty}(X)$	1.1
D_a	18.1
$\text{dist}(\zeta, X)$	16.19
\mathcal{F}	7.3
$GL(n, \mathbb{C})$	3.2
$GL(n, \mathbb{R})$	3.2
I_o	16.18
$\mathcal{L}(E)$	0.1
$L^p(G)$	3.7, 16, 3
$L^1(m_Z)$	20.4
$\mathcal{L}^p(\mu), L^p(\mu)$	23, 2
$\mathcal{L}^\infty(Z)$	16.2
L_x	16.15
m	3.7
m_Z	20.4
$M(X)$	1.3
$\mathcal{M}(A)$	2.4, 2.8
$\text{Mult } A$	17.4
$N(K: f)$	5.4
$N(m_Z)$	20.5
$\mathcal{N}(m_Z)$	20.9
$O(n)$	3.2

$P(S)$	15.2
$\mathcal{P}(X)$	15.11
$(P), (F_2)$	17.2
$\mathcal{R}^+(X)$	13.2
R_x	17.6
\mathcal{R}_E	22.7
⑤	14.1, 14.2
$SL(n, \mathbb{C})$	3.2
$SL(n, \mathbb{R})$	3.2
$SO(n)$	3.2
$Sp\ x$	2.5, 2.9
*	4.1, 4.2, 6.3, 9.5, 16.5, 16.6, 19.7, 19.8, 19.9, 22.7, 22.8
$SU(n)$	3.2
Supp f	1.1
Supp ν	19.1
T	0.1
Trig G	7.2, 11.10
$U(n)$	3.2
w^*	0.3
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A^c	0.1
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α	5.6
Δ	3.8
Δ	11.5
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E^r	0.1
E^+	0.1
E^*	0.1

E^\perp	22.3 (7.6)
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f_a	3.3, 16.4
f^a	13.1, 22.1
f^+	0.1
f^-	0.1
\dot{f}	13.1
f'	3.12
\tilde{f}	3.12, 6.3
\hat{f}	5.2
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\overline{G}	7.8
\hat{G}	5.2
Γ	11.8
H^\perp	7.6 (22.3)
h_γ	5.3
$\int f(x)dx$	3.7
$\int f$	3.7
$\int h d\mu$	9.2
\leq	11.8
$<$	1.2
\ll	19.5, 19.6
\approx	19.5
\perp	19.6
\wedge_\perp	7.6
$\mu \times \nu$	1.14
$\ \cdot \ _p$	23.1
$\ \cdot \ _\infty$	0.1
$\ \cdot \ _X$	0.1
$\ T \ $	0.1
$\ \cdot \ _{Sp}$	2.5, 2.9
T^*	0.5
U^*	9.3

$$\hat{\mu}(\S 1) \quad 1.3$$

$$\mu' \quad 3.12$$

$$\hat{\mu} \quad 6.1$$

$$\tilde{\mu} \quad 6.2$$

$$\mu_x \quad 4.5, 19.9$$

$$\mu^x \quad 22.1$$

$$\mu^a, \mu^s \quad 19.6, 19.14$$

$$\hat{x} \quad 2.4, 2.8$$

$$x^\beta \quad 2.10$$

$$x_\infty \quad 1.1$$

$$\dot{x} \quad 13.1$$

$$X \setminus A \quad 0.1$$

$$\xi_A \quad 0.1$$

$$z \quad 11.8$$

$$c_x \quad 9.3$$

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