Notation index

∂, $\overline{\partial}$	holomorphic or antiholomorphic differential, respectively 279
$L_p\rho$	Levi form 280
$+$	topological sum 291
SN	symplectic normal bundle 294
$T^{\mathbb{C}}f$	complexified differential 306
Imm_{ξ}	space of isotropic immersions 310
Mon	space of bundle monomorphisms 310
$\mathbb{L}$	Legendrian link 324
$V(\mathbf{a})$	$\{z_0^{a_0}+\cdots+z_n^{a_n}=0\}$ 333
$\Sigma(\mathbf{a})$	$V(\mathbf{a})\cap S^{2n+1}$ 333
N^I	subset of normal bundle defined by $\{r\in I\}$, $I\subset\mathbb{R}_0^+$ 350
$\#_\Phi$	fibre connected sum 350
$\mathfrak{g}$	Lie algebra of the Lie group G 360
μ	momentum map 360
$\underline{X}$	vector field on manifold with G–action generated by $X\in\mathfrak{g}$ 360
W_k	integral Stiefel–Whitney class 367
β	Bockstein homomorphism 367
ρ_2	homomorphism in cohomology induced by the coefficient homomorphism $\mathbb{Z}\stackrel{\mathrm{mod}\,2}{\longrightarrow}\mathbb{Z}_2$ 367
F_{2n+1}	$\mathrm{SO}(2n+1)/\mathrm{U}(n)$ 368
F_{2n}	$\mathrm{SO}(2n)/\mathrm{U}(n)$ 369
BG	classifying space for the group G 368
EG	total space of universal G–bundle over BG 371
$\ominus$	formal difference of vector bundles in K–group 372
$\widetilde{K}$	reduced K–group of vector bundles 372
$\mathcal{J}^+(\mathbb{R}^{2n})$	space of complex structures on $\mathbb{R}^{2n}$ compatible with standard metric and orientation 373
$(\mathbb{C}^{2n})^{(1,0)}$	space of $(1,0)$–vectors 375
$\mathrm{Iso}^+(\mathbb{C}^{2n})$	manifold of positive maximal isotropic subspaces of $\mathbb{C}^{2n}$ 376
TH_k, FH_k	torsion or free part, respectively, of homology group 387
χ^*	(Euler) semi-characteristic 390
b_k	kth Betti number 391
$\langle u\rangle$	subgroup generated by u 392
$X\vee Y$	one-point union of X and Y 397
Ω^k	space of differential k–forms 401

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Subject index