

Differential and Integral Equations

List of symbols

In: Štefan Schwabik (author); Milan Tvrdý (author); Otto Vejvoda (author): Differential and Integral Equations. Boundary Value Problems and Adjoints. (English). Praha: Academia, 1979. pp. 8.

Persistent URL: <http://dml.cz/dmlcz/400395>

Terms of use:

Institute of Mathematics of the Czech Academy of Sciences provides access to digitized documents strictly for personal use. Each copy of any part of this document must contain these *Terms of use*.



This document has been digitized, optimized for electronic delivery and stamped with digital signature within the project *DML-CZ: The Czech Digital Mathematics Library* <http://dml.cz>

List of symbols

Matrices

I_m , $\mathbf{0}_{m,n}$, \mathbf{A}^* ,	9	$N(\mathbf{A})$,	14
$\mathbf{A}^\#$,	16	$L(R_n, R_m)$,	10

Functions

$\text{var}_a^b \mathbf{f}$,	12	$m_K(I)$, $v_K(I)$	59
$\text{var}_a^b F$,	13	$\mathbf{f}(., \mathbf{v})$, $\mathbf{f}(\mathbf{u}, .)$,	209

Operators

$N(\mathbf{A})$, $R(\mathbf{A})$,	22	\mathbf{A}^* ,	26
$\alpha(\mathbf{A})$, $\beta(\mathbf{A})$, $\text{ind } \mathbf{A}$,	22	$F(x)$, $F'_{x_j}(x)$, $F_j(x)$,	69
		$F^{(k)}(x)$, $F^{(k)}_{x_j}(x)$,	69

Sets and spaces

X/F , $F \oplus G$, $\text{codim } F$,	21	$NBV_n[a, b]$, $NBV[a, b]$,	12
$(., .)_X$,	11	NBV^- , S_n , S ,	52
X^* , $\langle ., . \rangle_X$,	23	BV_n' ,	201
$B(X, Y)$, $B(X)$, $\ . \ _{B(X, Y)}$,	23	$L_n^p[a, b]$, $L^p[a, b]$,	11
$L(X, Y)$, $L(X)$,	22	$L_n^\infty[a, b]$, $L^\infty[a, b]$,	12
$K(X, Y)$, $K(X)$,	27	$\langle ., . \rangle_L$,	12
$C_n[a, b]$, $C[a, b]$,	11	W_n^p , W^p ,	56
$\langle ., . \rangle_C$,	25	$\langle ., . \rangle_W$,	57
$AC_n[a, b]$, $AC[a, b]$,	12	$C^{p_1, p_2, \dots, p_n}(D)$, $C(D)$,	70
$BV_n[a, b]$, $BV[a, b]$,	12	C_n , AC_n , BV_n , L_n^p , L_n ,	13
M^\perp , ${}^\perp N$,	26	$\text{Car}(D)$,	210
$\mathfrak{B}(\mathbf{x}_0, \varrho_0; X)$,	69	$\text{Lip}(D)$,	210
$\mathcal{D}_{(\mathbf{u}, .)}$, $\mathcal{D}_{(., \mathbf{v})}$,	209	$\text{Lip}(\mathcal{D}, \varepsilon)$,	217