

Author Index

A

Abel, J.M., 203, 220
Adams, G.J., 78, 87
Akay, A., 195, 196
Amontons, G., 184, 196
Anchev, A.A., 62, 86
Andersen, C.M., 2, 6, 7, 13, 21
Andronov, A.A., 2, 21
Arimoto, S., 102
Armbruster, D., 22, 59, 89, 102
Armstrong-Helouvry, B., 192, 196
Arnold, V.I., 118
Aronov, V., 196
Asimov, I., 181, 196
Aubrecht, J.A.S., 144, 156, 167
Aubrun, J.N., 62, 86
Aujoulat, N., 201
Awrejcewicz, J., 195, 196

B

Back, A., 117
Baer, S., 101
Bai, B.Y., 142
Bainum, P.M., 62, 86
Baker, G.A., 21
Balachandran, B., 143
Balfour, H., 196
Barba, P.M., 62, 86
Becker, E.B., 201
Belair, J., 2, 3, 21
Bender, C.M., 212, 220
Bendiksen, O.O., 167
Bengisu, M.T., 195, 196
Berger, B.S., 196
Berkooz, G., 142
Bingham, J.G., 198
Bishop, S.R., 198
Blevins, R.D., 21
Bockman, S.F., 192, 196

Bogdanov, R.I., 91, 99, 102
Bolton, H.C., 189, 196
Bourland, F.J., 26, 57
Bowden, F.P., 185, 196
Brace, W.F., 190, 196
Brillouin, L., 123, 127, 142
Brimberg, S., 201
Brinkman, G.J., 142
Briseghella, L., 198
Brockley, C.A., 196
Brown, W.G., 167
Byerlee, J.D., 190, 196
Byrd, P., 54, 57

C

Canudas de Wit, C., 196
Carlson, J.M., 190, 196
Carrier, G.F., 2, 21
Carus-Wilson, C., 189, 196
Cetinkaya, C., 166
Cha, P., 167
Chaikin, C.E., 2, 21
Chakraborty, T., 4, 22
Chavali, A., 196
Chen, J., 62, 86
Chen, S.S., 21
Chen, Y.H., 196
Childe, V.G., 173, 174, 196
Chladni, E.F.F., 186, 188, 196
Christiansen, P.L., 143
Cochran, J.E., 62, 78, 85, 87
Cohen, A.H., 21, 103, 116, 117
Cole, J.D., 2, 22, 25, 59
Cole, S.M., 172, 181, 196
Cooke, J.R., 22
Constantinou, M.C., 191, 199
Coppola, V.T., 24, 40, 43, 51, 52, 57, 59
Cornwell, P.J., 167
Coulomb, C.A., 184, 196
Curzon, G.N., 189, 196
Cusumano, J.P., 120, 121, 142

D

Dadfar, M.B., 2, 6, 7, 13, 21
 Dai, N., 197
 Dangelmayr, G., 91, 92, 102
 Davies, M.A., 119, 135, 142
 da Vinci, L., 178, 184, 199
 Davis, S.H., 203, 220
 Davison, C.S.C., 178, 183, 197
 Davydov, A.S., 121, 142
 Delfs, J., 195, 196
 Den Hartog, J.P., 187, 191, 197
 Deprit, A., 26, 27, 59
 DiBenedetto, M.D., 63, 86
 Dieterich, J.H., 190, 197
 Dimarogonas, A.D., 197
 Dorodnitsyn, A.A., 2, 21
 Dowell, E.H., 120, 142, 167, 191, 197
 Drazin, P.G., 127, 142
 D'Souza, A.F., 196, 197
 Dweib, A.H., 197
 Dugas, R., 183, 184, 197
 Dugungi, J., 120, 143
 Dupont, P.E., 186, 190, 196, 197
 Dutson, J.D., 198

E

Earles, S.W.E., 197
 Eckolt, W., 191, 197
 Ellison, J.L., 22
 Elezgaray, J., 142
 Engel, C., 197
 Ermentrout, G.B., 21, 102, 103, 117

F

Farrenkopf, R.L., 78, 87
 Feder, H.J.S., 190, 197
 Feder, J., 190, 197
 Feeny, B.F., 120, 142, 168, 191, 197
 Fermi, E., 121, 128, 142
 Ferney, B.D., 198
 Ferri, A.A., 191, 201
 Filippov, A., 186, 198

FitzHugh, R., 89, 92, 95, 102
 Folkman, S.L., 191, 198
 Ford, J., 129, 142, 143
 Friedman, M., 54, 57
 Frisch-Fay, R., 142

G

Galilei, G., 186, 198
 Galvenetto, U., 190, 198
 Gebman, J.R., 62, 86
 Geer, J.F., 2, 6, 7, 13, 21
 Gillies, A.W., 21
 Glass, L., 21
 Glocker, C., 185, 192, 198, 200
 Golubitsky, M., 102
 Grabec, I., 198
 Grasman, J., 21
 Graves-Morris, P.R., 21
 Grillner, S., 117
 Guan, L., 117
 Guckenheimer, J., 59, 91, 102, 117, 118
 Guelman, M., 63, 86
 Gupta, G.S., 166
 Guran, A., 85, 168, 191, 195, 198

H

Haberman, R., 26, 57
 Haddad, S., 197
 Hall, C.D., 60, 63, 68, 79, 82, 86, 87
 Hall, G.R., 30, 59
 Hall, S., 21
 Harris, J.C., 117
 Harrison, H.S., 170, 198
 Hastings, R., 220
 Helmholtz, H.L.F., 187, 190, 198
 Herodotus 178, 198
 Herrmann, G., 191, 198
 Herstein, I.N., 219, 220
 Hindmarsh, J.L., 98, 102
 Hinrichs, N., 200
 Holmes, P.J., 2, 3, 4, 21, 22, 59, 102, 103,
 117, 118, 120, 142, 143
 Hubert, C.H., 62, 68, 86

Hughes, P.C., 68, 86
 Humphreys, W.J., 198
 Hurmuzlu, Y., 185, 199
 Hundal, M.S., 191, 198

I

Ibrahim, R., 187, 198
 Inaudi, J.A., 199
 Iwan, W., 21

J

Jong, I.C., 191, 198
 Johnson, T., 166
 Junkins, J.L., 82, 87

K

Kallpakijan, S., 196
 Kane, T.R., 62, 86
 Kaplan, M.H., 86
 Kasturi, P.S., 190, 197
 Keith, W.L., 22
 Kelly, J.M., 199
 Kemp, M., 178, 179, 199
 Kevorkian, J., 2, 22, 25, 59
 Kim, S., 102
 Kim, Y.B., 199
 King, M.E., 144, 148, 156, 166, 167
 Kinsey, R.J., 63, 79, 86
 Kleczka, W., 199
 Klein, R.G., 199
 Ko, P.L., 196
 Kopell, N., 21, 103, 117
 Kreuzer, E., 199
 Krishnaprasad, P.S., 63, 86, 87

L

Lagercrantz, S., 199
 Landl, R., 22
 Langer, J.S., 190, 196
 LaSalle J.P., 22
 Lawden, D.F., 54, 59

Leakey, L.S.B., 178, 199
 Leben, L., 185, 196
 Lebsock, K.L., 62, 86
 Leimanis, E. 62, 85
 Leipholz, H., 62, 85
 Levi, M., 2, 22
 Levine, M.B., 167
 Li, T., 62, 86
 Liang, J.W., 198
 Lochak, P., 25, 59, 76, 87
 Longman, R.W., 62, 86
 Lorenz, H., 190, 199
 Lotstedt, P., 186, 199
 Lotka, A.J., 22, 32
 Love, A.E.H., 199
 Lumley, J., 142
 Lund, A., 199
 Lyapunov, M., 144, 166

M

Mackey, M.C., 21
 Maddocks, J.H., 63, 86, 87
 Makris, N., 191, 199
 Manevitch, L., 167
 Marghitu, D.B., 185, 199
 Martins, J.A.C., 187, 190, 200
 Masaitis, C., 62, 85
 Matthews, P.C., 118
 Mazzoleni, A.P., 63, 86
 McEnnan, J.J., 86
 McNeil, I., 199
 Mead, D.J., 166
 Meilke, A., 142
 Meunier, C., 25, 32, 59, 76, 87
 Meyer, K.R., 26, 28, 30, 59
 Mickens, R.E., 167
 Mikhlin, Y.I., 167
 Miller, B.R., 33, 51, 52, 57, 59
 Mingori, D.L., 62, 86
 Minis, I., 196
 Minorsky, N., 22
 Mirolo, R.E., 118
 Moon, F.C., 119, 120, 135, 142, 143,
 191, 197, 199

Month, L., 166
 Mottershead, J., 187, 199
 Mukherjee, S., 120, 143
 Muller, P.C., 192, 199
 Murphy, J.R., 86
 Muto, V., 143
 Myers, M., 117

N

Nagumo, J.S., 89, 92, 95, 102
 Nayfeh, A., 22, 25, 59, 143, 166
 Naschie, M.S., 143
 Newhouse, E.L., 176, 200
 Newton, I., 184, 200
 Ninomiya, K., 62, 86
 Noah, S.T., 199

O

Oakley, K.P., 200
 Oden, J.T., 187, 190, 200, 201
 Oestreich, M., 200
 Olver, P.J., 63, 68, 86
 Orszag, S.A., 212, 220

P

Painleve, M., 185, 200
 Palm, E., 22
 Pasta, J., 121, 128, 142
 Patterson, T.C., 86
 Pavlidis, T., 22
 Pearlstein, A., 167
 Petroski, H., 200
 Pfeiffer, F., 185, 192, 198, 200
 Pierre, C., 167
 Piggott, S., 200
 Plaut, R.H., 191, 198
 Plumb, R.C., 200
 Poincare, H., 22
 Poje, A., 142
 Polycarpou, A.A., 190, 200
 Popp, K., 191, 192, 193, 198, 200
 Pratap, R., 120, 143

R

Rabinowicz, E., 187, 200
 Ramelli, A., 178, 180, 200
 Rand, D.A., 21
 Rand, R.H., 2, 3, 4, 13, 15, 21, 22, 23, 25,
 43, 57, 59, 63, 85, 86, 102, 117, 144,
 166, 203, 204, 220
 Raspoli, M., 200
 Rayleigh, J.W.S., 22, 185, 187, 190, 200
 Reinhall, P.G., 1
 Rew, S.D., 85
 Rice, J.R., 190, 201
 Rigaud, J.P., 181, 182, 201
 Rinzel, J., 101, 102
 Roberson, R.E., 87
 Roberts, J., 178, 1179, 99
 Rokni, M., 196
 Rose, R.M., 98, 102
 Rosenberg, R.M., 144, 166
 Rosenblat, S., 203, 220
 Rossignol, S., 117
 Rubin, S., 201
 Ruina, A.L., 190, 201

S

Sachs, R.L., 63, 87
 Saint-George, H., 177, 201
 Salama, M.A., 167
 Sanders, J.A., 25, 59, 87
 Schaeffer, D., 102
 Schelleng, J., 187, 201
 Scher, M.P., 78, 87
 Scotland, A.C., 143
 Scrivener, S.L., 82, 87
 Sen, S., 62, 86
 Seyfferth, W., 200
 Shareef, I., 196
 Shaw, S.W., 120, 143, 191, 201
 Shu, P.H., 62, 85
 Sleswyk, A.W., 201
 Slivsgaard, E., 192, 201
 Slotine, J.J.E., 63, 86

Soar, G.B., 197
 Soom, A., 190, 200
 Spurr, R.T., 201
 Stabb, M.C., 86
 Staley, D.A., 62, 86
 Stelter, P., 191, 200
 Stepan, G., 192, 201
 Stoker, J.J., 22, 203, 204, 209, 220
 Storti, D.W., 1, 3, 4, 15, 22, 23
 Strogatz, S.H., 118

T

Takahara, H., 201
 Takens, F., 91, 99, 102
 Taylor, D., 103
 Temple, R.K.G., 201
 Thompson, J.M.T., 143
 Thompson, R.C., 82, 87
 Timoshenko, S.P., 184, 201
 Toda, M., 121, 135, 139, 140, 141, 143
 Tolstoi, D.M., 190, 201
 True, H., 192, 201
 Tseng, W.Y., 120, 127, 143
 Tsui, R., 63, 68, 79, 82, 86
 Turner, J.D., 82, 87
 Tveitereid, M., 22
 Tworzydło, W.W., 201

U

Ulam, S., 121, 128, 142
 Upadhyaya, S.K., 22

V

Vakakis, A.F., 144, 148, 156, 166, 167
 Valkering, T.P., 142
 van der Mark, J., 23
 van der Pol, B., 23
 van Dyke, M., , 13, 23
 Veling, E.J.M., 21
 Verhulst, F., 25, 59, 87
 Vigneron, F.R., 62, 86
 Virgin, L.N., 143

Vitruvius 178, 201
 Volterra, V., 23, 61, 85
 Vrscaj, E.A., 203, 220

W

Waller, M.D., 186, 201
 Wang, J.H., 191, 201
 Wang, L.S., 63, 87
 Wapenhans, H., 200
 Waters, J., 142, 143
 Weinstein, A., 144, 166
 Weissberg, J., 62, 86
 Whiteman, W.E., 191, 201
 Whittaker, E.T., 202
 Wicklin, F., 117
 Willems, G.M., 21
 Williams, T.L., 103, 117
 Wittenburg, J., 62, 85, 87
 Workfolk, P., 117

Y

Yoshizawa, S., 102

Z

Zhou, S., 202
 Ziegler, H., 191, 202
 Zounes, R.S., 203, 220