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**KEEPERS link**: [https://archive.org/details/pub\\_mathematical-programming](https://archive.org/details/pub_mathematical-programming)

**Publisher**: Springer

**From**: 1938

**To**: 2024

**Keeper**: CLOCKSS Archive

**Status**: Preserved

**Extent of archive**: 1 to 91, 93, 94, 96 to 107, 109 to 205

**Updated**: 29/04/2024

**Publisher**: Springer Science & Business Media

**From**: 1979

**To**: 2005

**Keeper**: Internet Archive

**Status**: Preserved

**Extent of archive**: 16 to 104

**Updated**: 26/04/2024

**Publisher**: Springer Science & Business Media

**From**: 1986

**To**: 1998

**Keeper**: Internet Archive

**Status**: Preserved

**Extent of archive**: 34-45 to 83

**Updated**: 26/04/2024

**Publisher**: Springer

**From**: 2012

**To**: 2019

**Keeper**: LOCKSS Archive

**Status**: In Progress

**Extent of archive**: 131 to 136, 172 to 177

**Updated**: 29/04/2024

**Publisher**: Springer

**From:** 2013  
**To:** 2019  
**Keeper:** LOCKSS Archive  
**Status:** Preserved  
**Extent of archive:** 137 to 171, 178  
**Updated:** 29/04/2024  
**Publisher:** Springer  
**From:** 2018  
**To:** 2023  
**Keeper:** Library of Congress  
**Status:** Preserved  
**Extent of archive:** 168 (1-2); 169 (1, 2); 170 (1, 2); 171 (1-2); 172 (1-2); 173 (1-2); 174 (1-2); 175 (1-2); 176 (1-2); 177 (1-2); 178 (1-2); 179 (1-2); 180 (1-2); 181 (1, 2); 182 (1-2); 183 (1-2); 184 (1-2); 185 (1-2); 186 (1-2); 187 (1-2); 188 (1, 2); 189 (1-2); 190 (1-2); 191 (1, 2); 192 (1-2); 193 (1, 2); 194 (1-2); 195 (1-2); 196 (1-2); 197 (1, 2); 198 (1, 2); 199 (1-2); 200 (1, 2); 201 (1-2)  
**Updated:** 23/02/2024  
**Publisher:** Springer Nature  
**From:** 1997  
**To:** 2021  
**Keeper:** National Digital Preservation Program, China  
**Status:** Preserved  
**Extent of archive:** Preserved : 1 (1 to 3); 8 (1 to 3); 9 (1 to 3); 11 (1 to 3); 12 (1 to 3); 13 (1 to 3); 14 (1, 2); 15 (1, 2); 16 (1 to 3); 17 (1 to 3); 18 (1, 2); 19 (1, 2); 76 (1 to 3); 77 (1 to 3); 78 (2, 3); 79 (1); 81 (2, 3); 82 (1, 3); 83 (1); 84 (2, 3); 85 (1 to 3); 86 (1 to 3); 87 (1 to 3); 88 (1 to 3); 89 (1 to 3); 91 (1 to 3); 92 (1 to 3); 93 (1 to 3); 94 (1, 2); 95 (1 to 3); 96 (1 to 3); 97 (1, 3); 98 (1); 99 (2, 3); 111 (1); 112 (2); 113 (1, 2); 114 (1, 2); 115 (1, 2); 116 (1); 117; 118 (2); 119 (1, 2); 121 (1, 2); 122 (1, 2); 123 (1, 2); 124 (1); 125 (2); 126 (1, 2); 127 (1, 2); 128 (1); 129 (2); 131 (1); 132; 133; 134 (2); 135 (1); 136 (2); 137 (1); 138; 139; 141; 142; 143; 144; 145; 146; 147; 148; 149; 151 (2); 152 (1); 153 (2); 154 (1); 155; 156; 157 (2); 158 (1); 161; 162; 163; 164; 165 (2); 166 (1); 167 (2); 168 (1-2); 169 (2); 171 (1-2); 172; 173; 174; 175; 176; 177; 178; 181 (2); 182 (1-2); 183; 184; 185; 186; 187; 188 (2); 189 (1-2)  
**Updated:** 25/07/2023  
**Publisher:** Springer Nature  
**From:** 1997  
**To:** 2023  
**Keeper:** National Digital Preservation Program, China  
**Status:** Preserved  
**Extent of archive:** Preserved : 1 (1 to 3); 2 (1, 2); 8 (1 to 3); 9 (1 to 3); 11 (1 to 3); 12 (1 to 3); 13 (1 to 3); 14 (1, 2); 15 (1, 2); 16 (1 to 3); 17 (1 to 3); 18 (1, 2); 19 (1, 2); 21 (1-2); 22; 76 (2, 3); 77 (1 to 3); 78 (2, 3); 79 (1); 81 (2, 3); 82 (1, 3); 83 (1); 84 (2, 3); 85 (1 to 3); 86 (1 to 3); 87 (1 to 3); 88 (1 to 3); 89 (1 to 3); 91 (1 to 3); 92 (1 to 3); 93 (1 to 3); 94 (1, 2); 95 (1 to 3); 96 (1 to 3); 97 (1, 3); 98 (1); 99 (2, 3); 111 (1); 112 (2); 113 (1, 2); 114 (1, 2); 115 (1, 2); 116 (1); 117; 118 (2); 119 (1, 2); 121 (1, 2); 122 (1, 2); 123 (1, 2); 124 (1); 125 (2); 126 (1, 2); 127 (1, 2); 128 (1); 129 (2); 131 (1); 132; 133; 134 (2); 135 (1); 136 (2); 137 (1); 138; 139; 141; 142; 143; 144; 145; 146; 147; 148; 149; 151 (2); 152 (1); 153 (2); 154 (1); 155; 156; 157 (2); 158 (1); 161; 162; 163; 164; 165 (2); 166 (1); 167 (2); 168 (1-2); 169 (2); 171 (1-2); 172; 173; 174; 175; 176; 177; 178; 181 (2); 182 (1-2); 183; 184; 185; 186; 187; 188 (2); 189 (1-2); 191 (2); 192 (1-2); 193 (2); 194 (1-2); 195; 196; 197 (2); 198 (1, 2); 199 (1-2)

**Updated:** 09/04/2024

**Publisher:** Springer Nature

**From:** 1997

**To:** 2022

**Keeper:** National Digital Preservation Program, China

**Status:** Preserved

**Extent of archive:** Preserved : 1 (1 to 3); 8 (1 to 3); 9 (1 to 3); 11 (1 to 3); 12 (1 to 3); 13 (1 to 3); 14 (1, 2); 15 (1, 2); 16 (1 to 3); 17 (1 to 3); 18 (1, 2); 19 (1, 2); 76 (1 to 3); 77 (1 to 3); 78 (2, 3); 79 (1); 81 (2, 3); 82 (1, 3); 83 (1); 84 (2, 3); 85 (1 to 3); 86 (1 to 3); 87 (1 to 3); 88 (1 to 3); 89 (1 to 3); 91 (1 to 3); 92 (1 to 3); 93 (1 to 3); 94 (1, 2); 95 (1 to 3); 96 (1 to 3); 97 (1, 3); 98 (1); 99 (2, 3); 111 (1); 112 (2); 113 (1, 2); 114 (1, 2); 115 (1, 2); 116 (1); 117; 118 (2); 119 (1, 2); 121 (1, 2); 122 (1, 2); 123 (1, 2); 124 (1); 125 (2); 126 (1, 2); 127 (1, 2); 128 (1); 129 (2); 131 (1); 132; 133; 134 (2); 135 (1); 136 (2); 137 (1); 138; 139; 141; 142; 143; 144; 145; 146; 147; 148; 149; 151 (2); 152 (1); 153 (2); 154 (1); 155; 156; 157 (2); 158 (1); 161; 162; 163; 164; 165 (2); 166 (1); 167 (2); 168 (1-2); 169 (2); 171 (1-2); 172; 173; 174; 175; 176; 177; 178; 181 (2); 182 (1-2); 183; 184; 185; 186; 187; 188 (2); 189 (1-2); 191 (2); 192 (1-2); 193 (2); 194 (1-2); 195; 196

**Updated:** 08/01/2024

**Publisher:** Springer Nature

**From:** 1997

**To:** 2021

**Keeper:** National Digital Preservation Program, China

**Status:** Preserved

**Extent of archive:** Preserved : 1 (1 to 3); 8 (1 to 3); 9 (1 to 3); 11 (1 to 3); 12 (1 to 3); 13 (1 to 3); 14 (1, 2); 15 (1, 2); 16 (1 to 3); 17 (1 to 3); 18 (1, 2); 19 (1, 2); 76 (1 to 3); 77 (1 to 3); 78 (2, 3); 79 (1); 81 (2, 3); 82 (1, 3); 83 (1); 84 (2, 3); 85 (1 to 3); 86 (1 to 3); 87 (1 to 3); 88 (1 to 3); 89 (1 to 3); 91 (1 to 3); 92 (1 to 3); 93 (1 to 3); 94 (1, 2); 95 (1 to 3); 96 (1 to 3); 97 (1, 3); 98 (1); 99 (2, 3); 111 (1); 112 (2); 113 (1, 2); 114 (1, 2); 115 (1, 2); 116 (1); 117; 118 (2); 119 (1, 2); 121 (1, 2); 122 (1, 2); 123 (1, 2); 124 (1); 125 (2); 126 (1, 2); 127 (1, 2); 128 (1); 129 (2); 131 (1); 132; 133; 134 (2); 135 (1); 136 (2); 137 (1); 138; 139; 141; 142; 143; 144; 145; 146; 147; 148; 149; 151 (2); 152 (1); 153 (2); 154 (1); 155; 156; 157 (2); 158 (1); 161; 162; 163; 164; 165 (2); 166 (1); 167 (2); 168 (1-2); 169 (2); 171 (1-2); 172; 173; 174; 175; 176; 177; 178; 181 (2); 182 (1-2); 183; 184; 185; 186; 187; 188 (2); 189 (1-2)

**Updated:** 13/10/2023

**Publisher:** Springer

**From:** 1998

**To:** 2019

**Keeper:** National Library of the Netherlands

**Status:** Preserved

**Extent of archive:** Preserved : 80 (1); 84 (3); 88 (2); 91 (3); 93 (2, 3); 94 (1, 2-3); 95 (1-3); 96 (1-3); 97 (1-2); 99 (2); 100; 102 (1); 106 (2, 3); 108 (1, 2-3); 109 (1, 2-3); 110 (1-3); 111 (1-2); 112 (2); 113 (1, 2); 114 (1, 2); 115 (1, 2); 116 (1-2); 117; 118 (2); 119 (1, 2); 120 (1, 2); 121 (1, 2); 122 (1, 2); 123 (1, 2); 124 (1-2); 125 (2); 126 (1, 2); 127 (1, 2); 128 (1-2); 129 (2); 130 (1, 2); 131 (1-2); 132; 133; 134 (2); 135 (1-2); 136 (2); 137 (1-2); 138; 139; 140 (2); 141 (1-2); 142; 143; 144; 145; 146; 147; 148; 149; 150 (2); 151 (1, 2); 152 (1-2); 153 (2); 154 (1-2); 155; 156; 157 (2); 158 (1-2); 159; 160; 161; 162; 163; 164; 165 (2); 166 (1-2); 167 (2); 168 (1-2); 169 (2); 170 (1, 2); 171 (1-2); 172; 173; 174; 175; 176; 177; 178

**Updated:** 20/10/2023

**Publisher:** Springer

**From:** 1971

**To:** 2024

**Keeper:** Portico

**Status:** Preserved

**Extent of archive:** Preserved : 1971: 1(1), 1972: 2(1), 1972: 3(1), 1973: 4(1), 1973: 5(1), 1974: 6(1), 1974: 7(1), 1975: 8(1), 1975: 9(1), 1976: 10(1), 1976: 11(1), 1977: 12(1), 1977: 13(1), 1978: 14(1), 1978: 15(1), 1979: 16(1), 1979: 17(1), 1980: 18(1), 1980: 19(1), 1981: 20(1), 1981: 21(1), 1982: 22(1), 1982: 23(1), 1982: 24(1), 1983: 25(1-3), 1983: 26(1-3), 1983: 27(1-3), 1984: 28(1-3), 1984: 29(1-3), 1984: 30(1-3), 1985: 31(1-3), 1985: 32(1-3), 1985: 33(1-3), 1986: 34(1-3), 1986: 35(1-3), 1986: 36(1-3), 1987: 37(1-3), 1987: 38(1-3), 1987: 39(1-3), 1988: 40(1-3), 1988: 41(1-3), 1988: 42(1-3), 1989: 43(1-3), 1989: 44(1-3), 1989: 45(1-3), 1990: 46(1-3), 1990: 47(1-3), 1990: 48(1-3), 1990: 49(1-3), 1991: 50(1-3), 1991: 51(1-3), 1991: 52(1-3), 1992: 53(1-3), 1992: 54(1-3), 1992: 55(1-3), 1992: 56(1-3), 1992: 57(1-3), 1993: 58(1-3), 1993: 59(1-3), 1993: 60(1-3), 1993: 61(1-3), 1993: 62(1-3), 1994: 63(1-3), 1994: 64(1-3), 1994: 65(1-3), 1994: 66(1-3), 1994: 67(1-3), 1995: 68(1-3), 1995: 69(1-3), 1995: 70(1-3), 1995: 71(1-3), 1996: 72(1-3), 1996: 73(1-3), 1996: 74(1-3), 1996: 75(1-3), 1997: 76(1-3), 1997: 77(1-3), 1996/1997: 78(1-3), 1997: 79(1-3), 1998: 80(1-3), 1998: 81(1-3), 1998: 82(1-3), 1998: 83(1-3), 1999: 84(1-3), 1999: 85(1-3), 1999: 86(1-3), 2000: 87(1-3), 2000: 88(1-3), 2000/2001: 89(1-3), 2001: 90(1-3), 2001/2002: 91(1-3), 2002: 92(1-3), 2002: 93(1-3), 2002/2003: 94(1-3), 2003: 95(1-3), 2003: 96(1-3), 2003: 97(1-3), 2003: 98(1-3), 2004: 99(1-3), 2004: 100(1-3), 2004: 101(1-3), 2005: 102(1-3), 2005: 103(1-3), 2005: 104(1-3), 2006: 105(1-3), 2006: 106(1-3), 2006: 107(1-3), 2006: 108(1-3), 2007: 109(1-3), 2007: 110(1-3), 2008: 111(1-2), 2008: 112(1-2), 2008: 113(1-2), 2008: 114(1-2), 2008: 115(1-2), 2009: 116(1-2), 2009: 117(1-2), 2009: 118(1-2), 2009: 119(1-2), 2009: 120(1-2), 2010: 121(1-2), 2010: 122(1-2), 2010: 123(1-2), 2010: 124(1-2), 2010: 125(1-2), 2011: 126(1-2), 2011: 127(1-2), 2011: 128(1-2), 2011: 129(1-2), 2011: 130(1-2), 2012: 131(1-2), 2012: 132(1-2), 2012: 133(1-2), 2012: 134(1-2), 2012: 135(1-2), 2012: 136(1-2), 2013: 137(1-2), 2013: 138(1-2), 2013: 139(1-2), 2013: 140(1-2), 2013: 141(1-2), 2013: 142(1-2), 2014: 143(1-2), 2014: 144(1-2), 2014: 145(1-2), 2014: 146(1-2), 2014: 147(1-2), 2014: 148(1-2), 2015: 150(1-2), 2015: 151(1-2), 2015: 152(1-2), 2015: 153(1-2), 2015: 154(1-2), 2016: 155(1-2), 2016: 156(1-2), 2016: 157(1-2), 2016: 158(1-2), 2016: 159(1-2), 2016: 160(1-2), 2017: 161(1-2), 2017: 162(1-2), 2017: 163(1-2), 2017: 164(1-2), 2017: 165(1-2), 2017: 166(1-2), 2018: 167(1-2), 2017: 168(1-2), 2018: 169(1-2), 2018: 170(1-2), 2018: 171(1-2), 2018: 172(1-2), 2019: 173(1-2), 2019: 174(1-2), 2019: 175(1-2), 2019: 176(1-2), 2019: 177(1-2), 2019: 178(1-2), 2018: 179(1-2), 2019: 180(1-2), 2019/2020: 181(1-2), 2019: 182(1-2), 2020: 183(1-2), 2019: 184(1-2), 2021: 185(1-2), 2021: 186(1-2), 2021: 187(1-2), 2021: 188(1-2), 2021: 189(1-2), 2021: 190(1-2), 2022: 191(1-2), 2022: 192(1-2), 2022: 193(1-2), 2022: 194(1-2), 2022: 195(1-2), 2022: 196(1-2), 2023: 197(1-2), 2023: 198(1-2), 2023: 199(1-2), 2023: 200(1-2), 2023: 201(1-2), 2023: 202(1-2), 2024: 203(1-2), 2024: 204(1-2), 2024: 205(1-2)

**Updated:** 03/05/2024

**Publisher:** Elsevier

**From:** 1971

**To:** 2024

**Keeper:** Scholars Portal

**Status:** Preserved

**Extent of archive:** Preserved : 1 (1); 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25 (2, 3); 26 (1 to 3); 27 (1 to 3); 28 (1 to 3); 29 (1 to 3); 30 (1 to 3); 31 (1 to 3); 32 (1 to 3); 33 (1 to 3); 34 (1 to 3); 35 (1 to 3); 36 (1 to 3); 37 (1 to 3); 38 (1 to 3); 39 (1 to 3); 40 (1-3); 41; 42; 43; 44; 45; 46; 47; 48; 49; 50; 51; 52; 53; 54; 55; 56; 57; 58; 59; 60; 61; 62; 63; 64; 65; 66; 67; 68 (2, 3); 69 (1-3, 2, 3); 70 (1-3, 2, 3); 71 (1 to 3); 72 (1 to 3); 73 (1 to 3); 74 (1 to 3); 75 (1 to 3); 76 (1 to 3); 77 (1 to 3); 78 (1 to 3); 79 (1-3); 80 (2, 3); 81 (1 to 3); 82 (1-2, 3); 83 (1-3, 2, 3); 84 (1 to 3); 85 (1 to 3); 86 (1 to 3); 87 (1 to 3); 88 (1 to 3); 89 (1 to 3); 90 (1 to 3); 91 (1 to 3); 92 (1 to 3); 93 (1 to 3); 94 (1, 2-3); 95 (1 to 3); 96 (1 to 3); 97 (1-2, 3); 98 (1-3); 99 (2, 3); 100 (1 to 3); 101 (1 to 3); 102 (1 to 3); 103 (1 to 3); 104 (1, 2-3); 105 (1, 2-3); 106 (1 to 3); 107 (1-2, 3); 108 (1, 2-3); 109 (1, 2-3); 110 (1 to 3); 111 (1-2); 112 (2); 113 (1, 2); 114 (1, 2); 115 (1, 2); 116 (1-2); 117; 118 (2); 119 (1, 2); 120 (1, 2); 121 (1, 2); 122 (1, 2); 123 (1, 2); 124 (1-2); 125 (2); 126 (1, 2); 127 (1, 2); 128 (1-2); 129 (2); 130 (1, 2); 131 (1-2); 132; 133; 134 (2); 135 (1-2); 136 (2); 137 (1-2); 138; 139; 140 (2); 141 (1-2); 142; 143; 144; 145; 146; 147; 148; 149; 150 (2); 151 (1, 2); 152 (1-2); 153 (2); 154 (1-2); 155; 156; 157 (2); 158 (1-2); 159; 160; 161; 162; 163; 164; 165 (2); 166 (1-2); 167 (2); 168 (1-2); 169 (2); 170 (1, 2); 171 (1-2); 172; 173; 174; 175; 176; 177; 178; 179; 180; 181 (2); 182 (1-2); 183; 184; 185; 186; 187; 188 (2); 189 (1-2); 190; 191 (2); 192 (1-2); 193 (2); 194 (1-2); 195; 196; 197 (2); 198 (1, 2); 199 (1-2); 200 (2); 201 (1-2); 202; 203; 204

**Updated:** 02/04/2024