

## BIBLIOGRAPHY

1. Aly, A. A., D. C. Kay and D. W. Litwhiler. Location dominance on spherical surfaces. *Opns. Res.* 27 (1979) 972-981.
2. Aneja, Y. P., R. Chandrasekaran, and K. P. K. Nair. A note on the  $m$ -center problem with rectilinear distances. *Eur. J. Opnl. Res.* 35 (1988) 118-123.
3. Aykin T. and G. F. Brown. Interacting new facilities and location-allocation problems. *Trans. Sci.* 26 (1992) 212-222.
4. Batta, R., A. Ghose, and U. S. Palekar. Locating Facilities on the Manhattan Metric with Arbitrarily Shaped Barriers and Convex Forbidden Regions. *Trans. Sci.* 23 (1989) 26-36.
5. Blumenthal, L. M., and G. E. Wahlin. On the spherical surface of smallest radius enclosing a bounded subset of  $n$ -dimensional Euclidean space. *Am. Math. Soc. Bull.* 47 (1941) 771-777.
6. Castells, C., and R. C. Melville. An unusual algorithm for finding the minimum spanning circle of a convex polygon. Technical Report 17, Department of Electrical Engineering and Computer Science, John Hopkins University, Baltimore. (1983).
7. Chakrabarty N. R., and P. K. Chaudhuri. Geometric solution of a constrained rectilinear distance minimax location problem. *APJOR.* 7 (1990) 163-171.

8. Chakrabarty N. R., and P. K. Chaudhuri. Solution of a Weighted One-Centre Problem under the  $L_1$  Norm. Communicated.
9. Chakrabarty N. R., and P. K. Chaudhuri. Solution of an asymmetric rectilinear distance minimax location problem. Communicated.
10. Chakrabarty N. R., and P. K. Chaudhuri. Geometric solution to some planar constrained minimax problems involving the weighted rectilinear metric. APJOR 9 (1992) 135-144.
11. Chakrabarty R. K., and P. K. Chaudhuri. Note on geometrical solutions for some minimax location problems. Trans. Sci. 15 (1981) 164-166.
12. Chatelon, J. A., D. W. Hearn and T. J. Lowe. A subgradient algorithm for certain minimax and minisum location problems. Math. Prog. 15 (1978) 130-145.
13. Chen, R. An improved method for the solution of the problem of location on an inclined plane. Recherche operationnelle 25 (1991) 45-53.
14. Christofides, N. Graph Theory : An algorithmic approach. Academic Press, INC. (1986).
15. Chrystal, G. On the problem to construct the minimum circle enclosing  $n$  given points in a plane. Proc. Edinburg Math Soc. 3 (1885) 30-33.
16. Courant, R., and H. Robbins. What is Mathematics? Oxford University Press, New York (1941).

17. Dasarathy, B. and L. J. White. A maxmin location problem. *Opns. Res.* 28 (1980) 1385-1401.
18. Dearing F. M., and R. L. Francis. A Network Flow Solution to a Multifacility Minimax Location Problem Involving Rectilinear Distances. *Trans. Sci.* 8 (1974) 126-141.
19. Drezner, Z. Constrained location problems in the plane and on a sphere. *IIE Trans.* 15 (1983) 300-304.
20. Drezner, Z. A solution to the Weber location problem on the sphere. *J. Opnl. Res. Soc.* 36 (1985) 333-334.
21. Drezner, Z. On the Rectangular p-Centre Problem. *Nav. Res. Log.* 34 (1987) 229-234.
22. Drezner, Z. and S. Shelah. On the Complexity of the Elzinga-Hearn Algorithm for the 1-Centre Problem. *Math. Oper. Res.* 12 (1987) 255-261.
23. Drezner, Z. and G. O. Wesolowsky. Optimal location on a sphere. *J. Opnl. Res. Soc.* 29 (1978) 997-1004.
24. Drezner, Z., and G. O. Wesolowsky. Single Facility  $L_p$ -distance Minimax Location. *SIAM J. Alg. Discr. Meth.* 1 (1981) 315-321.
25. Drezner, Z., and G. O. Wesolowsky. The asymmetric distance location problem. *Trans. Sci.* 23 (1989) 201-207.
26. Drezner, Z. and G. O. Wesolowsky. A maximin location problem with maximum distance constraints. *AIIE Trans.* 12 (1980) 249-252.

27. Drezner, Z. and G. O. Wesolowsky. The location of an obnoxious facility with rectangular distances. *J. Reg. Sci.* 23 (1983) 241-248.
28. Drezner, Z. and G. O. Wesolowsky. Location of an obnoxious route. *J. Opl. Res. Soc.* 40 (1989) 1011-1018.
29. Dutta, D. and P. K. Chaudhuri. Geometric Solution for a Constrained Minimax Location Problem. *APJOR* 6 (1989) 148-157.
30. Dykstra, D. P., D. E. Auelrich and J. R. Henshaw. Prebunching to reduce helicopter logging costs. *J. Forest* 76 (1978) 362-364.
31. Elzinga, J. and D. W. Hearn. Geometrical Solutions for Some Minimax Location Problems. *Trans. Sci.* 6 (1972a) 379-394.
32. Elzinga, D. J. and D. W. Hearn. The minimum covering sphere problem. *Mgmt. Sci.* 19 (1972b) 96-104.
33. Elzinga, J. and D. W. Hearn. Minimax multifacility location with Euclidean distances. Presented at the 41st National Meeting of ORSA, New Orleans (1972)
34. Francis, R. L. A Geometrical Solution Procedure for a Rectilinear Distance Minimax Location Problem. *AIIE Trans.* 4 (1972) 328-332.
35. Francis, R. L. Some aspects of a minimax location problem. *Opns. res.* 15 (1967) 1163-1169.

36. Francis, R. L., and J. A. White. Facility Layout and Location :An Analytic Approach, Prentice Hall, Englewood Cliffs, N. J. (1974)
37. Francis, R. L., L. F. McGinnis and J. A. White. Location-al Analysis. Eur. J. Opnl. Res. 12 (1983) 220-252.
38. Francis, R. L., L. F. McGinnis and J. A. White. Facility Layout and Location :An Analytic Approach, Second Edition, Prentice Hall, Englewood Cliffs, N. J. (1992)
39. Frank, H. Optimum locations on a graph with probilistic demands Opns. Res. 14 (1966) 409.
40. Frank, H. Optimum locations on a graph with correlated normal demands, Opns. Res. 15 (1967) 552.
41. Goldman, A. J. Minimax location of a facility in a network. Presented at the 41st National Meeting of ORSA, New Orleans (1972).
42. Hakimi, S. L. Optimum location of switching centres and the absolute centres and medians of a graph, Opns. Res. 12 (1964) 450-459.
43. Hansen, P., D. Peeters, D. Richard and J. F. Thisse. The Minisum and Minimax Location Problems Revisited. Opns. Res. 33 (1985) 1251-1264.
44. Hansen, P., D. Peeters and J. F. Thisse. Public Facility Location Models: A Selective Survey, in Locational Analysis of Public Facilities, J. F. Thisse and H. G. Zoller (eds), North Holland (1983).

45. Hearn D. V. and J. Vijay. Efficient algorithms for the (weighted) minimum circle problem. *Opns. Res.* 30 (1982) 777-795.
46. Hodgson, M.J., R.T. Wong and J. Honsaker. The p-centroid problem on an inclined plane. *Opns.Res.* 35 (1987) 221-233.
47. Hwang, R. Z., R. C. T. Lee and R. Chang. The slab dividing approach to solve the Euclidean p-centre problem. *Algorithmica*, 9 (1993) 1-22.
48. Jacobsen, S. K. An algorithm for the minimax Weber problem, *Eur. J. Opnl. Res.* 6 (1981) 144-148.
49. Ko, M. T., R. C. T. Lee and J. S. Chang. Rectilinear m-Center Problem. *Nav. Res. Log.* 37 (1990) 419-427.
50. Kuhn, H. W. Locational problems and Mathematical Programming. *Separatum-colloquium on the application of Mathematics to Economics.* (1963) 235-242.
51. Kuhn, H. W. A note on Fermat's problem. *Math. Prog.* 4 (1973) 98-107.
52. Kuhn, H. W. and R. E. Kuenne. An efficient algorithm for the numerical solution of the generalised Weber problem in spatial Economics. *J. Reg. Sci.* 4 (1962) 21-33.
53. Lawson, C. L. The smallest covering cone or sphere. *SIAM Rev.* 7 (1965) 415-417.
54. Love R. F. and J. G. Morris. Solving constrained multi-facility location problems involving  $l_p$  distances using convex programming. *Operations Research Technical report*,

Graduate School of Business, University of Wisconsin,  
Madison (1975).

55. Love, R. F., J. G. Morris and G. O. Wesolowsky. Facilities Location, Models and Methods, North Holland (1988).
56. Love, R. F., G. O. Wesolowsky and S. A. Kraemer. A multi-facility minimax location method for Euclidean distances. Int. J. Prod. Res. 11 (1973) 37.
57. Megiddo, N. Linear-time algorithms for linear programming in  $R^3$  and related problems. SIAM J. Comput. 12 (1983a) 759-776.
58. Megiddo, N. The weighted Euclidean 1-center problem. Math. Oper. Res. 8 (1983b) 498-504.
59. Megiddo, N. Linear time algorithms for linear programming in  $R \times R \times R$  and related problems. Proceeding of the 23rd Annual Symposium on the foundations of computer science. (1982) 151-162.
60. Mehrez, A., Z. Sinuany-Stern and A. Stulman. An enhancement of the Drezner-Wesolowsky algorithm for single-facility location with maximin of rectilinear distance. J. Opl. Res. Soc. 37 (1986) 971-977.
61. Melachrinoudis, E. The MAXIMIN location problem using a Euclidean metric. Ph. D. dissertation, Department of Industrial Engineering and Operations Research, University of Massachusetts (1980).

62. Melachrinoudis, E. An efficient computational procedure for the rectilinear MAXIMIN location problem. *Trans. Sci.* 22 (1988) 217-223.
63. Melachrinoudis, E. and P. Cullinane. Locating an undesirable facility with a minimax criterion. *Eur. J. Opnl. Res.* 24 (1986) 239-246.
64. Morris, J. G. A Linear Programming Approach to the Solution of Constrained Multi-Facility Minimax Location Problems: where Distances are Rectilinear. *Opnl. Res. Quart.* 24 (1973) 419-435.
65. Nair K. P. K. and R. Chandrasekaran. Optimal location of a single service centre of certain types. *Nav. Res. Log. Quart.* 18 (1971) 503-510.
66. Oommen, B. J. An efficient geometric solution to the minimum spanning circle problem. *Opns. Res.* 35 (1987) 80-86.
67. Preparata, F. P. and M. I. Shamos. *Computational Geometry: An Introduction*. Springer-Verlag, New York (1990).
68. Rademacher, H. and O. Toeplitz. *The enjoyment of Mathematics*. Princeton University Press, Princeton, N. J. (1957).
69. Scott, C. H., B. A. Murtagh and E. Sirri. Solution of Constrained Minimax Location with Euclidean Distances via Conjugate Duality. *NZOR* 13 (1985) 61-67.
70. Shamos, I. M. *Computational Geometry*. Ph.D. thesis, Yale

University (1978).

71. Sylvester, J. J. A question in the geometry of situation. *Quart. J. Pur. Appl. Math.* 1 (1857) 79.
72. Sylvester, J. J. On Poncelet's approximate linear valuation of surd forms. *Phil. Mag. Ser. 4*, 20 (1860) 203-222.
73. Tamir A. On the complexity of some classes of location problems. *Trans. Sci.* 26 (1992) 352-354.
74. Toregas, C., R. Swain, C. Revelle and L. Bergman. The location of emergency service facilities. *Opns. Res.* 19 (1971) 1363-1373.
75. Vijay, J. An algorithm for the p-centre problem in the plane. *Trans. Sci.* 19 (1985) 235-245.
76. Weber, A. *Über den Standort der Industrien* (1909). Translated as *Alfred Weber's Theory of the location of Industries* by C. J. Friedrich, Chicago (1929).
77. Wendell, R. E. A. P. Hurter and R. J. Lowe. Efficient Points in Location Problems. *AIE Trans.* 9 (1977) 238-246.
78. Wesolowsky, G. O. Rectilinear Distance Location under the Minimax Optimality Criterion. *Trans. Sci.* 6 (1972) 103-113.
79. Wesolowsky, G. O. Location problem on the sphere. *Reg. Sci. Urban Econ.* 12 (1983) 495-508.
80. Zhukhovitsky S. I. and L. I. Avdeyeva. *Linear and Convex Programming*. Saunders, Philadelphia (1966).