Documents

Export Date: 28 Jan 2022

1) Ibrahim, S., Jarboui, B.

A General Variable Neighborhood Search approach based on a p-median model for cellular manufacturing problems

(2022) Optimization Letters, 16 (1), pp. 137-151.

1) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095737626&doi=10.1007%2fs11590-020-01662-4&partnerID=40&md5

DOI: 10.1007/s11590-020-01662-4

Document Type: Article Publication Stage: Final

Source: Scopus

2) Del Pozo-Antúnez, J.J., Fernández-Navarro, F., Molina-Sánchez, H., Ariza-Montes, A.,

Carbonero-Ruz, M.

The machine-part cell formation problem with non-binary values: A milp model and a case of study in the accounting profession

(2021) Mathematics, 9 (15), art. no. 1768, . Cited 1 time.

2) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111727500&doi=10.3390%2fmath9151768&partnerID=40&md5=69ac

DOI: 10.3390/math9151768

Document Type: Article
Publication Stage: Final
Access Type: Open Access

Source: Scopus

3) Nagaraj, G., Arunachalam, M., Vinayagar, K., Paramasamy, S. Enhancing performance of cell formation problem using hybrid efficient swarm optimization (2020) Soft Computing, 24 (21), pp. 16679-16690. Cited 1 time.

3) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086001955&doi=10.1007%2fs00500-020-05059-4&partnerID=40&md5

DOI: 10.1007/s00500-020-05059-4

Document Type: Article Publication Stage: Final

Source: Scopus

4) Ghosh, T.

Optimal Design of Manufacturing Cells Considering Machine Usage Percentage

(2020) Journal of Advanced Manufacturing Systems, 19 (3), pp. 411-423.

4)



https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092558195&doi=10.1142%2fS0219686720500201&partnerID=40&md

DOI: 10.1142/S0219686720500201

Document Type: Article Publication Stage: Final

Source: Scopus

5) Fougères, A.-J., Ostrosi, E.

Holonic Fuzzy Agents for Integrated CAD Product and Adaptive Manufacturing Cell Formation

(2020) Journal of Integrated Design and Process Science, 23 (1), pp. 77-102.

5) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078872909&doi=10.3233%2fJID190009&partnerID=40&md5=797803f

DOI: 10.3233/JID190009

Document Type: Article Publication Stage: Final

Source: Scopus

Danilovic, M., Ilic, O.

A novel hybrid algorithm for manufacturing cell formation problem

(2019) Expert Systems with Applications, 135, pp. 327-350. Cited 9 times.

6) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067255174&doi=10.1016%2fj.eswa.2019.06.019&partnerID=40&md5=

DOI: 10.1016/j.eswa.2019.06.019

Document Type: Article Publication Stage: Final

Source: Scopus

7) Nalluri, M.S.R., Kannan, K., Gao, X.-Z., Roy, D.S.

An efficient hybrid meta-heuristic approach for cell formation problem

(2019) Soft Computing, 23 (19), pp. 9189-9213. Cited 10 times.

7) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061709493&doi=10.1007%2fs00500-019-03798-7&partnerID=40&md5

DOI: 10.1007/s00500-019-03798-7

Document Type: Article Publication Stage: Final

Source: Scopus

8) Rabbani, M., Farrokhi-Asl, H., Ravanbakhsh, M.

Terms and conditions

Dynamic cellular manufacturing system considering machine failure and workload balance

(2019) Journal of Industrial Engineering International, 15 (1), pp. 25-40. Cited 8 times.

8)

ELSEVIER







https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042389994&doi=10.1007%2fs40092-018-0261-y&partnerID=40&md5=

DOI: 10.1007/s40092-018-0261-y

Document Type: Article
Publication Stage: Final
Access Type: Open Access

Source: Scopus

Ostrosi, E., Fougères, A.-J.

Intelligent virtual manufacturing cell formation in cloud-based design and manufacturing

(2018) Engineering Applications of Artificial Intelligence, 76, pp. 80-95. Cited 15 times.

9) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053755231&doi=10.1016%2fj.engappai.2018.08.012&partnerID=40&n

DOI: 10.1016/j.engappai.2018.08.012

Document Type: Article Publication Stage: Final

Source: Scopus

10) Díaz, J.A., Luna, D.E.

GRASP with path relinking for the manufacturing cell formation problem considering part processing sequence

(2018) Journal of the Operational Research Society, 69 (9), pp. 1493-1511.

10) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049047913&doi=10.1080%2f01605682.2017.1404183&partnerID=408

DOI: 10.1080/01605682.2017.1404183

Document Type: Article Publication Stage: Final

Source: Scopus

11) Bychkov, I., Batsyn, M.

An efficient exact model for the cell formation problem with a variable number of production cells (2018) Computers and Operations Research, 91, pp. 112-120. Cited 10 times.

(2010) Computers and Operations Nesearch, 91, pp. 112-120. Cited 10 times.

11) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034441173&doi=10.1016%2fj.cor.2017.11.009&partnerID=40&md5=ce

DOI: 10.1016/j.cor.2017.11.009

Document Type: Article Publication Stage: Final

Source: Scopus

12) Pinheiro, R.G.S., Martins, I.C., Protti, F., Ochi, L.S.

A matheuristic for the cell formation problem





(2018) Optimization Letters, 12 (2), pp. 335-346. Cited 1 time.

12) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029494841&doi=10.1007%2fs11590-017-1200-3&partnerID=40&md5=10.1007%2fs11590-017-1200-3

DOI: 10.1007/s11590-017-1200-3

Document Type: Article Publication Stage: Final

Source: Scopus

13) Hazarika, M., Laha, D.

Genetic Algorithm approach for Machine Cell Formation with Alternative Routings

(2018) Materials Today: Proceedings, 5 (1), pp. 1766-1775. Cited 9 times.

13) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041308223&doi=10.1016%2fj.matpr.2017.11.274&partnerID=40&md5

DOI: 10.1016/j.matpr.2017.11.274

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

14) Karoum, B., Elbenani, B., El Khattabi, N., El Imrani, A.A.

Manufacturing Cell formation problem using hybrid cuckoo search algorithm

(2018) Operations Research/ Computer Science Interfaces Series, 62, pp. 151-162. Cited 2 times.

14) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032627281&doi=10.1007%2f978-3-319-58253-5_10&partnerID=40&m

DOI: 10.1007/978-3-319-58253-5_10

Document Type: Book Chapter Publication Stage: Final

Source: Scopus

15) Mukattash, A., Dahmani, N., Al-Bashir, A., Qamar, A.

Comprehensive grouping efficacy: A new measure for evaluating block-diagonal forms in group technology

(2018) International Journal of Industrial Engineering Computations, 9 (1), pp. 155-172. Cited 7 times.

15) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020135407&doi=10.5267%2fj.ijiec.2017.3.006&partnerID=40&md5=84

DOI: 10.5267/j.ijiec.2017.3.006

Document Type: Article
Publication Stage: Final
Access Type: Open Access

Source: Scopus





16) Karoum, B., Elbenani, Y.B.

A clonal selection algorithm for the generalized cell formation problem considering machine reliability and alternative routings

(2017) Production Engineering, 11 (4-5), pp. 545-556. Cited 6 times.

16) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023204247&doi=10.1007%2fs11740-017-0751-6&partnerID=40&md5=

DOI: 10.1007/s11740-017-0751-6

Document Type: Article Publication Stage: Final

Source: Scopus

17) Azadeh, A., Ravanbakhsh, M., Rezaei-Malek, M., Sheikhalishahi, M., Taheri-Moghaddam, A. Unique NSGA-II and MOPSO algorithms for improved dynamic cellular manufacturing systems considering human factors

(2017) Applied Mathematical Modelling, 48, pp. 655-672. Cited 31 times.

DOI: 10.1016/j.apm.2017.02.026

Document Type: Article Publication Stage: Final Access Type: Open Access

Source: Scopus

18) Eguia, I., Molina, J.C., Lozano, S., Racero, J.

Cell design and multi-period machine loading in cellular reconfigurable manufacturing systems with alternative routing

(2017) International Journal of Production Research, 55 (10), pp. 2775-2790. Cited 37 times.

18) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976322327&doi=10.1080%2f00207543.2016.1193673&partnerID=408

DOI: 10.1080/00207543.2016.1193673

Document Type: Article Publication Stage: Final

Source: Scopus

19) Imran, M., Kang, C., Lee, Y.H., Jahanzaib, M., Aziz, H.

Cell formation in a cellular manufacturing system using simulation integrated hybrid genetic algorithm (2017) Computers and Industrial Engineering, 105, pp. 123-135. Cited 46 times.

19) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009910443&doi=10.1016%2fj.cie.2016.12.028&partnerID=40&md5=b2

DOI: 10.1016/j.cie.2016.12.028

Document Type: Article





Publication Stage: Final

Source: Scopus

20) Karoum, B., Elbenani, B.

A hybrid clonal algorithm for the cell formation problem with variant number of cells

(2017) Production Engineering, 11 (1), pp. 19-28. Cited 5 times.

20) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84997766071&doi=10.1007%2fs11740-016-0706-3&partnerID=40&md5=

DOI: 10.1007/s11740-016-0706-3

Document Type: Article Publication Stage: Final

Source: Scopus

21) Mehdizadeh, E., Daei Niaki, S.V., Rahimi, V.

A vibration damping optimization algorithm for solving a new multi-objective dynamic cell formation problem with workers training

(2016) Computers and Industrial Engineering, 101, pp. 35-52. Cited 14 times.

21) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984984840&doi=10.1016%2fj.cie.2016.08.012&partnerID=40&md5=5c

DOI: 10.1016/j.cie.2016.08.012

Document Type: Article Publication Stage: Final

Source: Scopus

22) Zohrevand, A.M., Rafiei, H., Zohrevand, A.H.

Multi-objective dynamic cell formation problem: A stochastic programming approach

(2016) Computers and Industrial Engineering, 98, pp. 323-332. Cited 31 times.

22) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975847429&doi=10.1016%2fj.cie.2016.03.026&partnerID=40&md5=40

DOI: 10.1016/j.cie.2016.03.026

Document Type: Article Publication Stage: Final

Source: Scopus

23) Karoum, B., El Khattabi, N., Elbenani, B., Ameur El Imrani, A.

An efficient artificial immune system algorithm for the cell formation problem

(2016) Journal of Computational Methods in Sciences and Engineering, 16 (4), pp. 733-744. Cited 3

times.

23) https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012206669&doi=10.3233%2fJCM-160687&partnerID=40&md5=115d4

DOI: 10.3233/JCM-160687





Document Type: Article Publication Stage: Final

Source: Scopus

24) Karoum, B., Elbenani, B., El Imrani, A.A.

Clonal selection algorithm for the cell formation problem

(2016) Lecture Notes in Electrical Engineering, 380, pp. 319-326. Cited 3 times.

24) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964550214&doi=10.1007%2f978-3-319-30301-7_33&partnerID=40&m

DOI: 10.1007/978-3-319-30301-7_33

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

25) Noktehdan, A., Seyedhosseini, S., Saidi-Mehrabad, M.

A Metaheuristic algorithm for the manufacturing cell formation problem based on grouping efficacy

(2016) International Journal of Advanced Manufacturing Technology, 82 (1-4), pp. 25-37. Cited 14

times.

25) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953837179&doi=10.1007%2fs00170-015-7052-z&partnerID=40&md5=

DOI: 10.1007/s00170-015-7052-z

Document Type: Article Publication Stage: Final

Source: Scopus

26) Martins, I.C., Pinheiro, R.G.S., Protti, F., Ochi, L.S.

A hybrid iterated local search and variable neighborhood descent heuristic applied to the cell formation problem

(2015) Expert Systems with Applications, 42 (22), pp. 8947-8955. Cited 17 times.

26) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940460418&doi=10.1016%2fj.eswa.2015.07.050&partnerID=40&md5=

DOI: 10.1016/j.eswa.2015.07.050

Document Type: Article Publication Stage: Final

Source: Scopus

27) Brusco, M.J.

An iterated local search heuristic for cell formation

(2015) Computers and Industrial Engineering, 90, pp. 292-304. Cited 10 times.

27) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944722843&doi=10.1016%2fj.cie.2015.09.010&partnerID=40&md5=f7



DOI: 10.1016/j.cie.2015.09.010

Document Type: Article Publication Stage: Final

Source: Scopus

28) Brusco, M.J.

An exact algorithm for maximizing grouping efficacy in part-machine clustering

(2015) IIE Transactions (Institute of Industrial Engineers), 47 (6), pp. 653-671. Cited 12 times.

28) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926420705&doi=10.1080%2f0740817X.2014.971202&partnerID=40&r

DOI: 10.1080/0740817X.2014.971202

Document Type: Article Publication Stage: Final

Source: Scopus

29) Chang, C.-C., Wu, T.-H., Wu, C.-W.

An efficient approach to determine cell formation, cell layout and intracellular machine sequence in cellular manufacturing systems

(2013) Computers and Industrial Engineering, 66 (2), pp. 438-450. Cited 63 times.

29) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885188988&doi=10.1016%2fj.cie.2013.07.009&partnerID=40&md5=fe

DOI: 10.1016/j.cie.2013.07.009

Document Type: Article Publication Stage: Final

Source: Scopus

30) Chang, C.-C., Wu, T.H.

A novel approach to determine cell formation, cell layout, and intracellular machine layout

(2012) Proceedings - 2012 6th International Conference on New Trends in Information Science,

Service Science and Data Mining (NISS, ICMIA and NASNIT), ISSDM 2012, art. no. 6528726, pp.

717-721. Cited 2 times.

30) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880991245&partnerID=40&md5=03ee8d75c7ef9ad2741fc0d680ab0f1

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

31) Díaz, J.A., Luna, D., Luna, R.

A GRASP heuristic for the manufacturing cell formation problem

(2012) TOP, 20 (3), pp. 679-706. Cited 24 times.

31)





https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866539974&doi=10.1007%2fs11750-010-0159-3&partnerID=40&md5=

DOI: 10.1007/s11750-010-0159-3

Document Type: Article Publication Stage: Final

Source: Scopus

32) Chung, S.-H., Wu, T.-H., Chang, C.-C.

An efficient tabu search algorithm to the cell formation problem with alternative routings and machine reliability considerations

(2011) Computers and Industrial Engineering, 60 (1), pp. 7-15. Cited 65 times.

32) https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650572280&doi=10.1016%2fj.cie.2010.08.016&partnerID=40&md5=f2

DOI: 10.1016/j.cie.2010.08.016

Document Type: Article Publication Stage: Final

Source: Scopus

33) Papaioannou, G., Wilson, J.M.

The evolution of cell formation problem methodologies based on recent studies (1997-2008): Review and directions for future research

(2010) European Journal of Operational Research, 206 (3), pp. 509-521. Cited 170 times.

33) https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951122395&doi=10.1016%2fj.ejor.2009.10.020&partnerID=40&md5=6

DOI: 10.1016/j.ejor.2009.10.020

Document Type: Review Publication Stage: Final

Source: Scopus

34) Pailla, A., Trindade, A.R., Parada, V., Ochi, L.S.

A numerical comparison between simulated annealing and evolutionary approaches to the cell formation problem

(2010) Expert Systems with Applications, 37 (7), pp. 5476-5483. Cited 32 times.

34) https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950189308&doi=10.1016%2fj.eswa.2010.02.064&partnerID=40&md5=

DOI: 10.1016/j.eswa.2010.02.064

Document Type: Article Publication Stage: Final

Source: Scopus

35) Wu, T.-H., Chang, C.-C., Yeh, J.-Y.





A hybrid heuristic algorithm adopting both Boltzmann function and mutation operator for manufacturing cell formation problems

(2009) International Journal of Production Economics, 120 (2), pp. 669-688. Cited 32 times.

35) https://www.scopus.com/inward/record.uri?eid=2-s2.0-67749139452&doi=10.1016%2fj.ijpe.2009.04.015&partnerID=40&md5=7 DOI: 10.1016/j.ijpe.2009.04.015

Document Type: Article Publication Stage: Final

Source: Scopus

36) Wu, T.-H., Chung, S.-H., Chang, C.-C.

Hybrid simulated annealing algorithm with mutation operator to the cell formation problem with alternative process routings

(2009) Expert Systems with Applications, 36 (2 PART 2), pp. 3652-3661. Cited 55 times.

36) https://www.scopus.com/inward/record.uri?eid=2-s2.0-56349129124&doi=10.1016%2fj.eswa.2008.02.060&partnerID=40&md5=DOI: 10.1016/j.eswa.2008.02.060

Document Type: Article

Publication Stage: Final

Source: Scopus

37) Wu, T.-H., Chang, C.-C., Chung, S.-H.

A simulated annealing algorithm for manufacturing cell formation problems

(2008) Expert Systems with Applications, 34 (3), pp. 1609-1617. Cited 123 times.

37) https://www.scopus.com/inward/record.uri?eid=2-s2.0-37349104750&doi=10.1016%2fj.eswa.2007.01.012&partnerID=40&md5=

DOI: 10.1016/j.eswa.2007.01.012

Document Type: Article Publication Stage: Final

Source: Scopus

38) Spiliopoulos, K., Sofianopoulou, S.

An efficient ant colony optimization system for the manufacturing cells formation problem

(2008) International Journal of Advanced Manufacturing Technology, 36 (5-6), pp. 589-597. Cited 39

times.

38) https://www.scopus.com/inward/record.uri?eid=2-s2.0-43449095771&doi=10.1007%2fs00170-006-0862-2&partnerID=40&md5=

DOI: 10.1007/s00170-006-0862-2

Document Type: Article Publication Stage: Final

Source: Scopus



39) Guerrero, F., Lozano, S., Smith, K.A., Canca, D., Kwok, T. Manufacturing cell formation using a new self-organizing neural network (2002) Computers and Industrial Engineering, 42 (2-4), pp. 377-382. Cited 39 times.

39) https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037061523&doi=10.1016%2fS0360-8352%2802%2900039-6&partnerIE DOI: 10.1016/S0360-8352(02)00039-6

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

40) Suresh Kumar, C., Chandrasekharan, M.P.

Grouping efficacy: A quantitative criterion for goodness of block diagonal forms of binary matrices in group technology

(1990) International Journal of Production Research, 28 (2), pp. 233-243. Cited 316 times.

40) https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952536386&doi=10.1080%2f00207549008942706&partnerID=40&md DOI: 10.1080/00207549008942706

Document Type: Article Publication Stage: Final

Source: Scopus

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