Mechanical design technology and application items

| Item | Representatives | | | DOI | Item | Representatives | | | DOI |
|-----------------------------------|-----------------------|-----------------|-----------------|---|-----------------------------------|-----------------------|-----------------|-----------------|---|
| th ₉ A ₁₁ | a ₄ | b ₁₅ | ch ₂ | https://doi.org/10.1016/0921-8890(88)90020-6 | th ₄ A ₂₀ | a ₃ | b_2 | ch ₂ | https://doi.org/10.22260/isarc2011/0265 |
| th ₂₅ A ₅₄ | | b ₆₇ | ch ₂ | https://doi.org/10.4043/5708-ms | $th_{10}A_{19}$ | a ₃ | b ₁₆ | ch ₂ | https://doi.org/10.22260/isarc2011/0223 |
| th ₃₅ A ₂₁ | a_2 | b_2 | ch ₆ | https://doi.org/10.1061/(asce)0733- 9364(1989)115:3(412) | $th_{20}A_{12}$ | a ₃ | b ₅₇ | ch ₂ | https://doi.org/10.22260/isarc2011/0266 |
| th ₁₄₁ A ₇ | a ₄ | b ₁₂ | ch ₆ | https://doi.org/10.1016/0921-8890(89)90032-8 | th ₂₆ A ₁₇ | | b ₄₉ | ch ₂ | https://doi.org/10.22260/isarc2011/0125 |
| th ₁₅₇ A ₅₀ | | b ₅₂ | ch ₃ | https://doi.org/10.1109/iros.1989.637897 | th ₂₈ A ₁₉ | | | ch ₂ | https://doi.org/10.22260/isarc2011/0272 |
| th ₃₅ A ₇ | a ₂ | b_2 | ch ₆ | https://doi.org/10.1080/02630259008970581 | th ₂₈ A ₃₈ | | | ch ₂ | https://ieeexplore.ieee.org/abstract/document/6060381 |
| th ₃₆ A ₇ | a ₃ | b ₁₂ | ch ₆ | https://doi.org/10.1061/(asce)0887- 3801(1992)6:3(370) | th ₂₈ A ₁₇ | | | ch ₂ | https://doi.org/10.22260/isarc2011/0230 |
| $th_{61}A_{29}$ | a ₅ | b ₂₇ | ch ₂ | https://doi.org/10.1016/0926-5805(92)90017-e | $th_{68}A_{33}$ | \mathbf{a}_2 | b ₄₅ | ch ₂ | https://ieeexplore.ieee.org/abstract/document/6106197 |
| th ₆₂ A ₇ | a ₂ | b ₂ | ch ₁ | https://doi.org/10.22260/isarc1993/0044 | th ₈₂ A ₄₁ | a_2 | b ₆₁ | ch ₆ | https://doi.org/10.22260/isarc2011/0011 |
| th ₁₅₆ A ₆ | a ₃ | b ₁₂ | ch ₁ | https://doi.org/10.1016/0926-5805(92)90038-1 | th ₉₇ A ₄₅ | a ₅ | b ₂₆ | ch ₂ | https://doi.org/10.22260/isarc2011/0277 |
| th ₁₅₇ A ₄₇ | | b ₅₂ | ch ₃ | https://cedb.asce.org/CEDBsearch/record.jsp?dockey= 0076716 | th ₁₁₉ A ₅₆ | a ₂ | | ch ₁ | https://doi.org/10.1016/j.proeng.2011.08.198 |
| th ₁₂₃ A ₃₁ | a ₂ | b ₅₂ | ch ₂ | https://doi.org/10.1061/(ASCE)0733- 9364(1992)118:4(731) | th ₁₄₈ A ₈ | a ₆ | b ₂₄ | ch ₂ | https://doi.org/10.22260/isarc2011/0222 |
| th33A20 | a ₃ | b ₂₁ | ch ₂ | https://doi.org/10.1016/0926-5805(93)90043-W | th ₁₅₃ A ₆ | a ₃ | b ₂ | ch ₃ | https://doi.org/10.1016/j.autcon.2010.12.005 |
| th ₃₆ A ₂₁ | a ₃ | b ₁₂ | ch ₆ | https://doi.org/10.1016/0926-5805(93)90036-w | $th_{22}A_6$ | a ₃ | b ₃₂ | ch ₂ | https://ieeexplore.ieee.org/abstract/document/6454459 |
| th ₃₉ A ₂₂ | a ₃ | b ₅₅ | ch ₂ | https://doi.org/10.1061/(asce)0893-1321(1993)6:1(19) | th ₂₇ A ₂₈ | a ₃ | b ₄₆ | ch ₂ | https://doi.org/10.1109/iros.2012.6386278 |
| $th_{126}A_6$ | a ₅ | b_2 | ch ₂ | https://doi.org/10.1109/iros.1993.583154 | $th_{28}A_{38}$ | | | ch ₂ | https://doi.org/10.20965/jrm.2012.p0985 |
| $th_{142}A_7$ | a ₄ | b ₁₂ | ch ₂ | https://doi.org/10.1016/0926-5805(93)90042-v | $th_{63}A_3$ | a ₃ | b ₃₂ | ch ₃ | https://doi.org/10.3182/20120523-3-ro-2023.00341 |
| $th_{13}A_{29}$ | a ₃ | b ₇ | ch ₂ | https://doi.org/10.1016/b978-0-444-82044-0.50081-3 | $th_{64}A_{10}$ | | b ₃₀ | ch ₃ | https://doi.org/10.22260/isarc2012/0079 |
| $th_{19}A_{22}$ | a_2 | b_2 | ch ₂ | https://doi.org/10.1016/b978-0-444-82044-0.50017-5 | th ₁₁₅ A ₅₅ | a ₃ | b ₄ | ch ₂ | https://doi.org/10.1016/j.autcon.2012.03.005 |
| th ₂₂ A ₅₈ | a ₃ | b ₃₂ | ch ₂ | https://doi.org/10.1061/(asce)0733- 9364(1994)120:1(132) | $th_{129}A_6$ | \mathbf{a}_3 | b ₇₄ | ch ₂ | https://doi.org/10.1016/j.autcon.2011.06.003 |
| th ₂₃ A ₂₄ | | b ₃₂ | ch ₂ | https://doi.org/10.1016/0926-5805(94)90035-3 | th_8A_8 | a ₃ | b_2 | ch ₃ | https://doi.org/10.1016/j.autcon.2012.12.011 |
| th ₂₅ A ₅₃ | | b ₆₇ | ch ₂ | https://cedb.asce.org/CEDBsearch/record.jsp?dockey= 0086321 | th ₁₃ A ₂₉ | a 3 | b ₇ | ch ₂ | https://doi.org/10.22260/isarc2013/0153 |
| th40A22 | a_2 | b ₅₆ | ch ₂ | https://doi.org/10.1109/iros.1994.407628 | th ₅₁ A ₇ | | b ₃₀ | ch ₂ | https://doi.org/10.1109/aim.2013.6584222 |
| th ₆₀ A ₃₄ | a ₃ | b ₁₂ | ch ₂ | https://doi.org/10.1016/0926-5805(94)90027-2 | th ₅₈ A ₂₈ | | b ₄₄ | ch ₃ | https://doi.org/10.1007/978-1-4614-1418-6_5 |
| th98A6 | a3 | b19 | ch2 | https://doi.org/10.1016/b978-0-444-82044-0.50084-9 | th ₆₄ A ₁₀ | | b ₃₀ | ch ₃ | https://doi.org/10.1016/j.autcon.2013.01.008 |
| th ₁₅₁ A ₂₇ | | b ₅₂ | ch ₁ | https://doi.org/10.1016/0926-5805(94)90037-x | th ₁₀₇ A ₅ | | | ch1 | https://doi.org/10.1016/j.autcon.2013.01.017 |
| th ₁₀ A ₁₁ | a ₃ | b ₁₆ | ch ₂ | https://doi.org/10.1016/0926-5805(95)00005-1 | th ₁₄₀ A ₆₃ | a 6 | b ₅₇ | ch ₂ | https://doi.org/10.1016/j.autcon.2012.08.006 |

| th ₂₅ A ₅₄ | | b ₆₇ | ch ₂ | https://www.scopus.com/inward/record.uri?eid=2- s2.00029292557&partnerID=40&md5=3e456473ab91 e826f09267d7539b2a29 | th ₁₄₇ A ₈ | a ₂ | b ₇ | ch ₃ | https://doi.org/10.1007/978-1-4614-1418-6_4 |
|-----------------------------------|-----------------------|-----------------|-----------------|--|-----------------------------------|-----------------------|-----------------|-----------------|---|
| th ₂₅ A ₅₄ | | b67 | ch ₂ | https://www.nipponsteel.com/en/tech/report/nsc/pdf/6507.pdf | th ₁₄₉ A ₁₀ | a ₃ | b ₆₂ | ch ₃ | https://doi.org/10.1007/978-1-4614-1418-6_4 |
| th ₂₈ A ₁₁ | | | ch ₂ | https://www.scopus.com/inward/record.uri?eid=2- s2.0- 0029323997&partnerID=40&md5=6e6a19d34bd2415 1a2e090bcd593f82b | th ₄ A ₆ | a 3 | b ₂ | ch ₂ | https://doi.org/10.1016/j.autcon.2014.06.005 |
| th ₃₄ A ₂₀ | a 3 | b ₃₂ | ch ₂ | https://doi.org/10.1016/0926-5805(95)00008-0 | th ₂₆ A ₁₀ | | b49 | ch ₂ | https://doi.org/10.22260/isarc2014/0134 |
| th49A34 | | b ₃₆ | ch ₂ | https://doi.org/10.1016/0926-5805(94)00043-m | $th_{31}A_2$ | | b_1 | ch ₂ | https://doi.org/10.1109/iccas.2014.6987959 |
| th88A44 | a ₃ | b_2 | ch ₆ | https://doi.org/10.1109/iros.1995.526255 | th46A34 | | b ₅₈ | ch ₂ | https://doi.org/10.1007/s10846-013-9948-x |
| th ₁₂₄ A ₅₉ | a_2 | b ₁₂ | ch ₂ | https://doi.org/10.1109/robot.1994.351124 | th47A5 | a3 | b ₅₈ | ch ₂ | https://doi.org/10.1016/j.autcon.2014.01.004 |
| th_1A_1 | a ₂ | b ₃₂ | ch ₂ | https://doi.org/10.1016/0926-5805(95)00010-0 | th72A34 | | b ₄₂ | ch ₃ | https://doi.org/10.1002/ad.1763 |
| th ₂₅ A ₅₄ | | b ₆₇ | ch ₂ | https://jglobal.jst.go.jp/en/detail?JGLOBAL_ID=2009 02164462768987 | th ₁₀₅ A ₄₇ | a ₂ | b_2 | ch ₃ | https://doi.org/10.1109/tase.2013.2241425 |
| $th_{41}A_{22}$ | a ₅ | b ₁₂ | ch ₂ | https://doi.org/10.1016/0926-5805(95)00009-7 | th ₁₂₀ A ₅₆ | a ₃ | b ₃₂ | ch ₁ | https://doi.org/10.3846/13923730.2015.1023349 |
| th59A28 | a ₃ | b ₁₅ | ch ₂ | https://doi.org/10.1299/kikaic.62.658 | th ₁₂₁ A ₅₇ | a ₃ | b ₈₃ | ch ₂ | https://doi.org/10.1016/j.autcon.2013.06.010 |
| th ₆₄ A ₅₀ | | b ₃₀ | ch ₃ | https://cedb.asce.org/CEDBsearch/record.jsp?dockey= 0100671 | th ₁₃₁ A ₆ | a ₃ | b ₇₁ | ch ₂ | https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full_505_514402.pdf |
| th ₁₂₇ A ₆ | a ₃ | b ₃₆ | ch ₂ | https://doi.org/10.1061/(asce)0733- 9364(1992)118:4(731) | th ₁₃₇ A ₅₅ | a ₂ | b ₂ | ch ₁ | https://doi.org/10.1109/iccas.2014.6987825 |
| $th_{28}A_{17}$ | | | ch ₂ | https://doi.org/10.1016/0926-5805(95)00018-6 | th_2A_6 | a 3 | b ₅₂ | ch ₂ | https://doi.org/10.22260/isarc2015/0070 |
| th ₈ A ₈ | a ₃ | b_2 | ch ₃ | https://doi.org/10.1109/iros.1997.656583 | th ₂₉ A ₂₈ | a ₃ | b ₄₅ | ch ₃ | https://doi.org/10.1109/iccas.2015.7364817 |
| th ₁₁ A ₁₁ | a3 | b ₁₇ | ch ₂ | https://doi.org/10.1016/s0926-5805(97)00004-6 | th ₃₀ A ₁₉ | a ₂ | b ₅₇ | ch ₂ | https://doi.org/10.1016/j.autcon.2015.07.006 |
| th ₁₃ A ₈ | a ₃ | b ₇ | ch ₂ | https://doi.org/10.22260/isarc1996/0031 | th ₄₃ A ₂₂ | | b ₅₄ | ch ₂ | https://www.researchgate.net/publication/292970258 Bet ween Manual and Robotic Approaches to Brick Construction in Architecture |
| th ₂₄ A ₁₇ | a ₂ | b ₆₇ | ch ₂ | https://doi.org/10.1016/s0926-5805(98)00083-1 | th52A29 | a 6 | b ₁₃ | ch ₂ | https://doi.org/10.1109/icit.2015.7125568 |
| th ₆₀ A ₅₄ | a ₃ | b ₁₂ | ch ₂ | https://www.scopus.com/inward/record.uri?eid=2- s2.0- 0032137399&partnerID=40&md5=ea005ced8130b72 5438f6a0afbc7ceef | th ₁₁₆ A ₅₅ | a 3 | b ₅ | ch ₂ | https://doi.org/10.1016/j.ifacol.2015.06.048 |
| th ₆₂ A ₂₉ | a ₂ | b ₂ | ch ₁ | https://www.scopus.com/inward/record.uri?eid=2- s2.0- 0032137399&partnerID=40&md5=ea005ced8130b72 5438f6a0afbc7ceef | th ₁₂₁ A ₅₇ | a3 | b ₈₃ | ch ₂ | https://doi.org/10.1016/j.autcon.2014.12.013 |

| th ₁₀₆ A ₄₉ | | b 49 | ch ₆ | https://doi.org/10.1109/tdcllm.1998.668331 | th ₁₄ A ₃₇ | | b ₇ | ch ₂ | https://doi.org/10.1016/j.autcon.2015.09.011 |
|-----------------------------------|----------------|-----------------------|-----------------|--|-----------------------------------|----------------|-----------------------|-----------------|---|
| th ₁₂ A ₁₁ | a ₂ | b ₇ | ch ₂ | https://doi.org/10.1061/40337(205)30 | th23A29 | | b ₃₂ | ch ₂ | https://doi.org/10.1007/978-3-319-08338-4_99 |
| $th_{19}A_{12}$ | a_2 | b_2 | ch ₂ | https://doi.org/10.1016/s0926-5805(99)00041-2 | th ₂₉ A ₂₉ | a ₃ | b ₄₅ | ch ₃ | https://doi.org/10.22260/isarc2016/0125 |
| th96A45 | a ₃ | b ₃₄ | ch ₂ | https://www.scopus.com/inward/record.uri?eid=2- s2.0-0033884120&doi=10.1016%2fS0926- 5805%2899%2900040- 0&partnerID=40&md5=8774fcaee713a3fa6f5ad5b9ad 8f79db | th44A22 | a 6 | b ₂₆ | ch ₂ | https://doi.org/10.22260/ISARC2016/0041 |
| th ₁₅₁ A ₅₆ | | b ₅₂ | ch_1 | https://doi.org/10.1016/s0926-5805(00)00060-1 | th ₇₃ A ₃₄ | | b ₃₀ | ch ₃ | https://doi.org/10.1016/j.procir.2016.02.108 |
| th ₁₅₂ A ₅₆ | a ₃ | b ₆₇ | ch ₁ | https://doi.org/10.1299/kikaic.66.3664 | th ₇₄ A ₃₄ | a 3 | b 9 | ch ₃ | https://doi.org/10.22260/isarc2016/0050 |
| th ₃₂ A ₂₀ | a ₂ | b ₁₂ | ch ₃ | https://doi.org/10.5772/13043 | th ₁₀₈ A ₅ | a ₂ | b ₃₂ | ch ₁ | https://doi.org/10.1016/j.autcon.2016.05.009 |
| th ₁₁₂ A ₅₄ | | b ₁₁ | ch ₂ | https://doi.org/10.1016/s0926-5805(00)00104-7 | $th_{109}A_{50}$ | | b ₇₈ | ch ₂ | http://idm-lab.org/bib/abstracts/papers/aamas16b.pdf |
| th ₈₅ A ₄₂ | a_2 | b ₃ | ch ₁ | https://doi.org/10.1111/0885-9507.00225 | th ₁₀₉ A ₃₇ | | b ₇₈ | ch ₂ | https://doi.org/10.3130/aijt.22.331_ |
| $th_{128}A_6$ | a ₃ | b ₇₀ | ch ₂ | https://doi.org/10.1163/156855302320535836 | $th_{110}A_{50}$ | a ₄ | b ₅₂ | ch ₁ | https://ijssst.info/Vol-17/No-46/paper41.pdf_ |
| th ₁₄₃ A ₇ | a ₄ | b ₃₃ | ch ₂ | https://doi.org/10.3182/20020721-6-es-1901.00815 | th ₁₃₆ A ₆ | a ₃ | b 19 | ch ₁ | https://doi.org/10.1109/ccdc.2016.7531951_ |
| th40A22 | a ₂ | b ₅₆ | ch ₂ | https://doi.org/10.1109/100.993151 | th ₁₅ A ₁₁ | | b ₂₃ | ch ₂ | https://doi.org/10.1016/j.autcon.2017.02.005 |
| th ₂₈ A ₁₁ | | | ch ₂ | https://doi.org/10.1007/3-540-29461-9_103 | th ₁₆ A ₁₁ | a 6 | b ₂₅ | ch ₂ | https://doi.org/10.22260/isarc2017/0034 |
| th55A28 | a ₃ | b ₃₆ | ch ₆ | https://doi.org/10.1108/01439910310506774 | th ₂₂ A ₁₅ | a ₃ | b ₃₂ | ch ₂ | https://doi.org/10.1109/icarcv.2016.7838741 |
| th ₉₁ A ₅₆ | aı | b ₆₇ | ch ₃ | https://doi.org/10.1108/01439910310492185 | $th_{22}A_6$ | a ₃ | b ₃₂ | ch ₂ | https://doi.org/10.1051/matecconf/201712101006 |
| th ₁₁₃ A ₅₄ | a ₃ | b ₁₀ | ch ₂ | https://doi.org/10.1108/01439910310473979 | th23A15 | | b ₃₂ | ch ₂ | https://doi.org/10.1109/iros.2017.8206499 |
| th ₁₅₀ A ₅₆ | a_2 | b ₁ | ch ₂ | https://doi.org/10.1109/iros.2003.1248794 | $th_{28}A_6$ | | | ch ₂ | https://doi.org/10.22260/isarc2017/0010 |
| th ₁₅₂ A ₅₆ | a 3 | b ₆₇ | ch ₁ | https://doi.org/10.1080/14399776.2003.10781164 | th45A22 | a ₃ | b 59 | ch ₂ | https://doi.org/10.1080/23311916.2017.1361600 |
| th ₁₄ A ₆₃ | | b ₇ | ch ₂ | https://doi.org/10.1016/j.autcon.2003.08.012 | th ₄₇ A ₆ | a ₃ | b ₅₈ | ch ₂ | https://doi.org/10.1109/iros.2017.8206398 |
| th ₂₆ A ₈ | | b49 | ch ₂ | https://doi.org/10.1016/j.autcon.2003.08.009 | th ₆₄ A ₃ | | b ₃₀ | ch ₃ | https://doi.org/10.1007/978-3-319-49058-8_64 |
| th ₂₈ A ₁₁ | | | ch ₂ | https://ieeexplore.ieee.org/document/1438590 | th ₆₅ A ₃₀ | aı | b ₇₀ | ch ₂ | https://doi.org/10.26226/morressier.59c106e8d462b80292 389b97_ |
| th ₆₀ A ₂₈ | a ₃ | b ₁₂ | ch_2 | https://doi.org/10.1109/iros.2004.1389410 | th ₆₇ A ₆₀ | | b ₇₅ | ch_2 | https://doi.org/10.1051/matecconf/201712905018 |
| th117A55 | a ₁ | b ₂ | ch ₁ | https://doi.org/10.1109/ut.2004.1405598 | th75A34 | a ₅ | b ₇ | ch ₃ | https://doi.org/10.1007/978-3-319-49058-8_60 |
| th ₇ A ₁₁ | a ₅ | b ₂₀ | ch ₃ | https://doi.org/10.1016/j.autcon.2004.09.008 | th77A9 | | b_2 | ch ₂ | https://doi.org/10.1061/(asce)co.1943-7862.0001268 |
| th ₂₈ A ₁₁ | | | ch ₂ | https://doi.org/10.22260/isarc2005/0053 | th ₁₀₄ A ₄₅ | a ₃ | b ₃₅ | ch ₁ | https://doi.org/10.1016/j.autcon.2017.07.004 |
| th ₆₅ A ₆₀ | aı | b ₇₀ | ch ₂ | https://doi.org/10.22260/isarc2005/0040 | th ₁₁₁ A ₅₂ | | b ₁₆ | ch ₂ | https://www.researchgate.net/publication/329591348_Tow ards Force-aware Robot Collectives for On- site_Construction |
| $th_{81}A_{40}$ | a ₂ | b49 | ch ₃ | https://doi.org/10.1109/icia.2005.1635079 | $th_{138}A_6$ | a ₃ | b_2 | ch_1 | https://doi.org/10.22260/isarc2017/0091 |

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| thsAni | th129A6 | 23 | b ₇₄ | ch2 | | th ₄ A ₆ | 23 | b 2 | ch2 | |
| thsA11 a3 b2 ch3 https://doi.org/10.1002/rob.20122 | | | | | | | | | | |
| thisA11 | | <u> </u> | | | | . 5 11 | | | | |
| thisAsia | | _ | | | | | a ₆ | | | |
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| th ₉₅ A ₄₄ | a ₃ | b ₃₂ | ch_1 | https://doi.org/10.1016/j.autcon.2007.08.006 | th77A37 | | b_2 | ch_2 | https://doi.org/10.22260/ISARC2019/0070 |
| th ₁₂₂ A ₅₆ | a_1 | b ₁₂ | ch ₁ | https://doi.org/10.1016/j.autcon.2008.02.004 | th77A41 | | b_2 | ch ₂ | https://doi.org/10.1016/j.autcon.2018.11.009 |
| $th_{139}A_{60}$ | a ₃ | b_{12} | ch ₃ | https://doi.org/10.1016/j.autcon.2006.12.004 | $th_{79}A_{38}$ | a ₃ | b ₇₉ | ch ₂ | https://doi.org/10.1016/j.autcon.2019.102912 |
| $th_{144}A_8$ | a_2 | b ₆₃ | ch ₆ | https://doi.org/10.1109/icsma.2008.4505571_ | th79A38 | a ₃ | b 79 | ch ₂ | https://doi.org/10.22260/ISARC2018/0085 |
| th_3A_1 | a_1 | b_2 | ch_2 | https://doi.org/10.1016/j.autcon.2009.02.007 | $th_{86}A_{42}$ | | b ₃ | ch_1 | https://doi.org/10.22260/ISARC2019/0154 |
| th ₁₃ A ₈ | a ₃ | b ₇ | ch_2 | https://doi.org/10.1109/iccas.2010.5669929_ | $th_{87}A_{42}$ | a ₂ | b ₆₁ | ch ₁ | https://link.springer.com/chapter/10.1007/978-3-030-05321-5_5 |
| th ₂₆ A ₂₉ | | b49 | ch ₂ | https://doi.org/10.22260/isarc2009/0020_ | $th_{100}A_{45}$ | a ₃ | b 39 | ch ₂ | https://doi.org/10.1016/j.autcon.2019.03.017 |
| $th_{129}A_{6}$ | a ₃ | b ₇₄ | ch ₂ | https://doi.org/10.1109/icmech.2009.4957126 | $th_{101}A_{45}$ | a ₃ | b ₃₈ | ch ₂ | https://doi.org/10.1016/j.autcon.2019.102959 |
| th ₁₄₅ A ₈ | a ₃ | b ₆₃ | ch ₃ | https://doi.org/10.1109/icara.2000.4803937 | $th_{102}A_{45}$ | a ₃ | b ₄₁ | ch ₂ | https://doi.org/10.1016/j.autcon.2019.02.002 |
| th_8A_{44} | a ₃ | b_2 | ch ₃ | https://doi.org/10.1017/s0263574710000573_ | $th_{103}A_{45}$ | a ₃ | b ₄₀ | ch ₂ | https://doi.org/10.1016/j.autcon.2019.01.025 |
| $th_{14}A_8$ | | b 7 | ch ₂ | https://doi.org/10.1109/iccas.2010.5669929 | $th_{134}A_6$ | a ₃ | b ₁₃ | ch ₂ | https://doi.org/10.1109/tase.2018.2829927 |
| $th_{50}A_{45}$ | a ₃ | b ₃₆ | ch_2 | https://doi.org/10.1016/j.autcon.2010.07.011 | $th_{135}A_{6}$ | a1 | b ₁₅ | ch ₂ | https://doi.org/10.1109/robosoft.2019.8722720 |
| $th_{54}A_{26}$ | a_2 | b ₆₁ | ch ₃ | https://doi.org/10.1109/aim.2010.5695941_ | $th_{78}A_{37}$ | a3 | b ₄₈ | ch ₂ | https://doi.org/10.1016/j.autcon.2020.103400 |
| th ₆₆ A ₁₀ | a ₃ | b ₂₅ | ch_2 | https://doi.org/10.1016/j.autcon.2010.05.004_ | $th_{83}A_{41}$ | | b ₆₀ | ch ₂ | https://link.springer.com/article/10.1007/s10098-020- 01922-y |
| th92A44 | a ₂ | b ₂₄ | ch ₂ | https://doi.org/10.1109/carpi.2010.5624474 | th ₁₅₅ A ₃₇ | | b ₅₀ | ch ₂ | https://doi.org/10.1016/j.autcon.2019.102988 |
| th ₅₁ A ₂₂ | | b ₃₀ | ch ₂ | https://doi.org/10.1016/j.matpr.2019.12.381 | th ₁₅₈ A ₃₆ | a ₂ | b ₂₇ | ch ₁ | https://doi.org/10.14313/jamris/1-2020/1 |