Apps for Graphics - Eurographics Italian Chapter Conference (2018), Livesu M., Pintore G., Signoroni A., (Eds.), The Eurographics Association. doi:10.2312/stag.20181294. 2

[LM16] LIU J., MA Y.: A survey of manufacturing oriented topology optimization methods. Advances in Engineering Software 100 (2016), 161 – 175. doi:10.1016/j.advengsoft.2016.07.017. 2

[LT14] LIU K., TOVAR A.: An efficient 3D topology optimization code written in Matlab. Structural and Multidisciplinary Optimization 50, 6 (2014), 1175–1196. doi:10.1007/s00158-014-1107-x. 2, 3

[LYT18] LIU J., YU H., TO A. C.: Porous structure design through Blinn transformation-based level set method. Structural and Multidisciplinary Optimization 57, 2 (2018), 849–864. doi:10.1007/s00158-017-1786-1. 2

[MHSL18] MARTÍNEZ J., HORNUS S., SONG H., LEFEBVRE S.: Polyhedral voronoi diagrams for additive manufacturing. ACM Trans. Graph. 37, 4 (2018), 129:1–129:15. doi:10.1145/3197517.3201343. 2

[MMA*14] MEJIA D., MORENO A., ARBELAIZ A., POSADA J., RUIZ-SALGUERO O.: Accelerated thermal simulation for three-dimensional interactive optimization of computer numeric control sheet metal laser cutting. Journal of Manufacturing Science and Engineering 140, 3 (2014), 031006–031006–9. doi:10.1115/1.4038207. 2

[MZARS*19] MONTOYA-ZAPATA D., ACOSTA D. A., RUIZ-SALGUERO O., POSADA J., SANCHEZ-LONDONO D.: A general meta-graph strategy for shape evolution under mechanical stress. Cybernetics and Systems 50, 1 (2019), 3–24. doi:10.1080/01969722.2018.1558011. 2

[PAHA18] PANESAR A., ABDI M., HICKMAN D., ASHCROFT I.: Strategies for functionally graded lattice structures derived using topology optimisation for Additive Manufacturing. Additive Manufacturing 19 (2018), 81 – 94. doi:10.1016/j.addma.2017.11.008. 2

[PQR05] POMEZANSKI V., QUERIN O., ROZVANY G.: CO–SIMP: extended SIMP algorithm with direct COrner COntact COntrol. Structural and Multidisciplinary Optimization 30, 2 (Aug 2005), 164–168. doi:10.1007/s00158-005-0514-4. 6, 8

[PTB*15] POSADA J., TORO C., BARANDIARAN I., OYARZUN D., STRICKER D., DE AMICIS R., PINTO E. B., EISERT P., DÖLLNER J., VALLARINO I.: Visual computing as a key enabling technology for Industrie 4.0 and industrial internet. IEEE Computer Graphics and Applications 35, 2 (2015), 26–40. doi:10.1109/MCG.2015.45. 2

[SB11] STANFORD B., BERAN P.: Conceptual design of compliant mechanisms for flapping wings with topology optimization. AIAA Journal 49, 4 (2011), 855–867. doi:10.2514/1.J050940. 2

[Sig01] SIGMUND O.: A 99 line topology optimization code written in Matlab. Structural and Multidisciplinary Optimization 21, 2 (2001), 120–127. doi:10.1007/s001580050176. 2, 3

[SM13] SIGMUND O., MAUTE K.: Topology optimization approaches. Structural and Multidisciplinary Optimization 48, 6 (2013), 1031–1055. doi:10.1007/s00158-013-0978-6. 2, 4

[SPMN10] SUTRADHAR A., PAULINO G. H., MILLER M. J., NGUYEN T. H.: Topological optimization for designing patient-specific large craniofacial segmental bone replacements. Proceedings of the National Academy of Sciences 107, 30 (2010), 13222–13227. doi:10.1073/pnas.1001208107. 2

[TDZZ18] TANG Y., DONG G., ZHOU Q., ZHAO Y. F.: Lattice structure design and optimization with additive manufacturing constraints. IEEE Transactions on Automation Science and Engineering 15, 4 (2018), 1546–1562. doi:10.1109/TASE.2017.2685643. 2

[TKZ15] TANG Y., KURTZ A., ZHAO Y. F.: Bidirectional Evolutionary Structural Optimization (BESO) based design method for lattice structure to be fabricated by additive manufacturing. Computer-Aided Design 69 (2015), 91 – 101. doi:10.1016/j.cad.2015.06.001. 2

[VBSDC18] VANTYGHEM G., BOEL V., STEEMAN M., DE CORTE W.: Multi-material topology optimization involving simultaneous structural and thermal analyses. Structural and Multidisciplinary Optimization (2018). doi:10.1007/s00158-018-2095-z. 3

[VGB14] VANEK J., GALICIA J. A. G., BENES B.: Clever support: Efficient support structure generation for digital fabrication. Computer Graphics Forum 33, 5 (2014), 117–125. doi:10.1111/cgf.12437. 2

[WWZW16] WU J., WANG C. C., ZHANG X., WESTERMANN R.: Self-supporting rhombic infill structures for additive manufacturing. Computer-Aided Design 80 (2016), 32 – 42. doi:10.1016/j.cad.2016.07.006. 2

[ZCX19] ZHANG K., CHENG G., XU L.: Topology optimization considering overhang constraint in additive manufacturing. Computers & Structures 212 (2019), 86 – 100. doi:10.1016/j.compstruc.2018.10.011. 2