The articles of this volume will be reviewed individually.

Indexed articles:

- Grünbaum, Branko, Musings on Discrete Geometry and “20 years of Discrete & Computational Geometry”, 1-7 [Zbl 1154.52001]
- Agarwal, Pankaj K.; Pach, János; Sharir, Micha, State of the union (of geometric objects), 9-48 [Zbl 1155.52017]
- Bandelt, Hans-Jürgen; Chepoi, Victor, Metric graph theory and geometry: a survey, 49-86 [Zbl 1169.050015]
- Bárány, Imre, Extremal problems for convex lattice polytopes: a survey, 87-103 [Zbl 1154.52008]
- Bartholdi, Nicolas; Blanc, Jérémy; Loisel, Sébastien, On simple arrangements of lines and pseudo-lines in $\mathbb{P}^2$ and $\mathbb{R}^2$ with the maximum number of triangles, 105-116 [Zbl 1156.52014]
- Barvinok, Alexander; Veomett, Ellen, The computational complexity of convex bodies, 117-137 [Zbl 1145.52002]
- Basu, Saugata, Algorithmic semi-algebraic geometry and topology – recent progress and open problems, 139-212 [Zbl 1145.14044]
- Connelly, Robert, Expansive motions, 213-229 [Zbl 1147.52008]
- Demaine, Erik D.; Gassend, Blaise; O’Rourke, Joseph; Touissant, Godfried T., All polygon flip finitely...right?, 231-255 [Zbl 1143.52012]
- Edelsbrunner, Herbert; Harer, John, Persistent homology – a survey, 257-282 [Zbl 1145.55007]
- Holmsen, Andreas F., Recent progress on line transversals to families of translated ovals, 283-297 [Zbl 1148.52007]
- Nivasch, Gabriel, An improved, simple construction of many halving edges, 299-305 [Zbl 1148.68552]
- O’Rourke, Joseph, Unfolding orthogonal polyhedra, 307-317 [Zbl 1145.52005]
- Radoičić, Rados; Tóth, Géza, The discharging method in combinatorial geometry and the Pach-Sharir conjecture, 319-342 [Zbl 1152.05025]
- Rote, Günter; Santos, Francisco; Streinu, Ileana, Pseudo-triangulations – a survey, 343-410 [Zbl 1169.05027]
- Sottile, Frank; Theobald, Thorsten, Line problems in nonlinear computational geometry, 411-432 [Zbl 1149.52018]
- Valtr, Pavel, On empty hexagons, 433-441 [Zbl 1147.52301]
- Wagner, Uli, k-sets and k-facets, 443-513 [Zbl 1149.52012]
- Wei, Xianglin; Ding, Ren, An Erdős-Szekeres type problem for interior points, 515-528 [Zbl 1147.52006]
- Zong, Chuanming, The kissing number, blocking number and covering number of convex body, 529-548 [Zbl 1144.52020]

Pach, János (ed.), Open problems, 549-556 [Zbl 1143.52001]
MSC:

52-06 Proceedings, conferences, collections, etc. pertaining to convex and discrete geometry
51-06 Proceedings, conferences, collections, etc. pertaining to geometry
65-06 Proceedings, conferences, collections, etc. pertaining to numerical analysis
68-06 Proceedings, conferences, collections, etc. pertaining to computer science
00Bxx Conference proceedings and collections of articles

Full Text: DOI