List of Papers

1. Refereed Papers

[1] W. Rossman and M. Yasumoto, *Weierstrass representation for semi-discrete minimal surfaces, and comparison of various discretized catenoids*, Journal of Math-for-Industry **4B** (2012), 109-118.
[2] M. Yasumoto, *Discrete maximal surfaces with singularities in Minkowski space*, Differential Geometry and its Application **43** (2015), 130-154.
[3] E. Güler, S. Konnai and M. Yasumoto, *Bour surface companions in non-Euclidean space forms*, Proceedings of the International Conference on Geometry, Integrability and Quantization **17** (2016), 256-269.
[4] M. Yasumoto, *Semi-discrete surfaces of revolution*, to appear in Kobe Journal of Mathematics (14 pages).
[5] W. Rossman and M. Yasumoto, *Discrete linear Weingarten surfaces and their singularities in Riemannian and Lorentzian spaceforms*, to appear in Advanced Studies in Pure Mathematics **Vol. 78** (28 pages).
[6] C. Müller and M. Yasumoto, *Semi-discrete constant mean curvature surfaces with singularities in Minkowski space*, Proceedings of the International Conference on Geometry, Integrability and Quantization **18** (2017), 191-202.
[7] M. Yasumoto, *Weierstrass-type representations for timelike surfaces and their discretization*, to appear in Advanced Studies in Pure Mathematics **Vol. 78** (22 pages).
[8] Y. Ogata and M. Yasumoto, *Construction of discrete constant mean curvature surfaces in Riemannian spaceforms and applications*, Differential Geometry and its Application **54**, Part A (2017), 264-281.
[9] W.Y. Lam and M. Yasumoto, *Trivalent maximal surfaces in Minkowski space*, In: Cañadas-Pinedo M., Flores J., Palomo F. (eds) *Lorentzian Geometry and Related Topics. GELOMA 2016*, Springer Proceedings in Mathematics & Statistics, **Vol. 211** (2018), 169-184.

2. Preprints

[10] M. Yasumoto, *Semi-discrete maximal surfaces with singularities in Minkowski space* (30 pages).
[11] W. Rossman and M. Yasumoto, *Semi-discrete linear Weingarten surfaces and their singularities in Riemannian and Lorentzian spaceforms* (16 pages).
[12] K. Naokawa, Y. Ogata, M. Pember, W. Rossman and M. Yasumoto, *Discretization of isothermic surfaces in Lie sphere geometry* (268 pages).

3. In Preparation

[13] M. Yasumoto, *Construction of discrete constant mean curvature surfaces in Minkowski space and their singularities.*
[14] M. Yasumoto, *Discrete timelike minimal surfaces and discrete wave equations.*
[15] W. Carl and M. Yasumoto, *The semi-discrete DPW method.*

4. Non-refereed Papers

[16] 安本真士, *Weierstrass representation for semi-discrete minimal surfaces*, 第 59 回幾何学シンポジウム予稿集 (2012), 27-29.
[17] M. Yasumoto, *Weierstrass representation for semi-discrete minimal surfaces, and comparison of three discretized catenoids*, COE Lecture Note Vol. 41 (2012), p.68.

[18] 安本真士, *Weierstrass representation for semi-discrete minimal surfaces*, 第 9 回数学総合若手研究集会テクニカルレポート (2013), 105-108.
[19] M. Yasumoto, *Discrete maximal surfaces with singularities in Minkowski space*, COE Lecture Note Vol. 51 (2013), p.73.
[20] 安本真士, ミンコフスキー空間内の特異点を持つ離散極大曲面について, 第 10 回数学総合若手研究集会テクニカルレポート (2014), 213-216.
[21] 安本真士, *Weierstrass representation for semi-discrete minimal surfaces*, RIMS Kokyuroku. No.1868 (2013), 121-130.
[22] 安本真士, 特異点を持つ曲面の離散化, 第 61 回幾何学シンポジウム予稿集 (2014), 34-37.
[23] W. Rossman, 安本真士, 離散線形 *Weingarten* 曲面について, 福岡大学微分幾何研究会 2015 記録集 (2016), 1-11.
[24] 安本真士, 三価グラフの極大曲面, 第 63 回幾何学シンポジウム予稿集 (2016), 157-160.
[25] M. Yasumoto, *Discrete linear Weingarten surfaces with singularities: a survey*, to appear in Proceedings of The 21st International Workshop on Hermitian Symmetric Spaces and Submanifolds (9 pages).