

# 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.
- [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.
- [6] C. Müller and M. Yasumoto, *Semi-discrete constant mean curvature surfaces with singularities in Minkowski space*, to appear in Proceedings of the International Conference on Geometry, Integrability and Quantization.

## 2. Preprints

- [7] M. Yasumoto, *Weierstrass-type representations for timelike surfaces and their discretization*.
- [8] M. Yasumoto, *Semi-discrete maximal surfaces with singularities in Minkowski space*.
- [9] Y. Ogata and M. Yasumoto, *Construction of discrete constant mean curvature surfaces in Riemannian spaceforms and applications*.
- [10] W. Rossman and M. Yasumoto, *Semi-discrete linear Weingarten surfaces and their singularities in Riemannian and Lorentzian spaceforms*.
- [11] W.Y. Lam and M. Yasumoto, *Trivalent maximal surfaces in Minkowski space*.

## 3. In Preparation

- [12] Y. Ogata and M. Yasumoto, *Construction of discrete constant mean curvature surfaces in Minkowski space and their singularities*.
- [13] M. Yasumoto, *Discrete timelike minimal surfaces and discrete wave equations*.
- [14] K. Naokawa, Y. Ogata, M. Pember, W. Rossman and M. Yasumoto, *Discretization of isothermic surfaces in Lie sphere geometry*.

## 4. Non-refereed Proceedings

- [15] 安本真土, *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.
- [16] M. Yasumoto, *Weierstrass representation for semi-discrete minimal surfaces, and comparison of three discretized catenoids*, COE Lecture Note Vol. 41 (2012), p.68.
- [17] 安本真土, *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.
- [18] M. Yasumoto, *Discrete maximal surfaces with singularities in Minkowski space*, COE Lecture Note Vol. 51 (2013), p.73.

- [19] 安本真土, 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.
- [20] 安本真土, *Weierstrass representation for semi-discrete minimal surfaces*, RIMS Kokyuroku. No.1868 (2013), 121-130.
- [21] 安本真土, 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.
- [22] W. Rossman, 安本真土, 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.
- [23] 安本真土, 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.