







Computational Origami

Ryuhei Uehara

Japan Advanced Institute of Science and Technology (JAIST)

School of Information Science

uehara@jaist.ac.jp

http://www.jaist.ac.jp/~uehara

2020/02/03 I628E: Information Processing Theory





- Report (up to 20pts)
 - Submit a report about one of the following two options:
 - 1. Survey some paper(s) appearing in these three lectures
 - 2. Solve some problems appearing in these three lectures
 - Firm deadline: 17:00, February 10 in one of the following two ways
 - By email:

<u>PDF</u> file (word file is not acceptable) from <u>JAIST</u> account.

• By paper:

A4 size paper, staple at the top-left corner.

You can write your report in English or Japanese.

20	12	\mathbf{n}	n^{2}	/
Zι	JZ	U/	UΖ,	105

I628E: Information Processing Theory



I628E Information Processing Theory



- Schedule
 - January 27 (13:30-15:10)
 - Introduction to Computational Origami
 - Polygons and Polyhedra folded from them
 - January 29 (10:50-12:30)
 - Computational Complexity of Origami algorithms
 - February 3 (9:00-10:40)
 - Advanced topics
 - 1. (Bumpy) Pyramid Folding
 - 2. Zipper Unfoldability
 - Questionnaire
 - 13:30-15:10 (Office Hour at I67-b)

2	\frown	2	\mathbf{a}	10	1	10	2	
Z	U	Z	U	/ L	2	/ U	5	
			- /					

I628E: Information Processing Theory