



Title	A Compact Encoding of Plane Triangulations with Efficient Query Supports
Author(s)	Yamanaka, Katsuhisa; Nakano, Shin-ichi
Citation	2010年度科学技術振興機構ERATO湊離散構造処理系プロジェクト講究録. p.504.
Issue Date	2011-06
Doc URL	http://hdl.handle.net/2115/48327
Type	conference presentation
Note	ERATO湊離散構造処理系プロジェクトシンポジウム(第2回): 第73回情報処理学会全国大会イベント企画. 2011年3月2日(水). 東京工業大学 大岡山キャンパス.
File Information	03.yamanaka.pdf

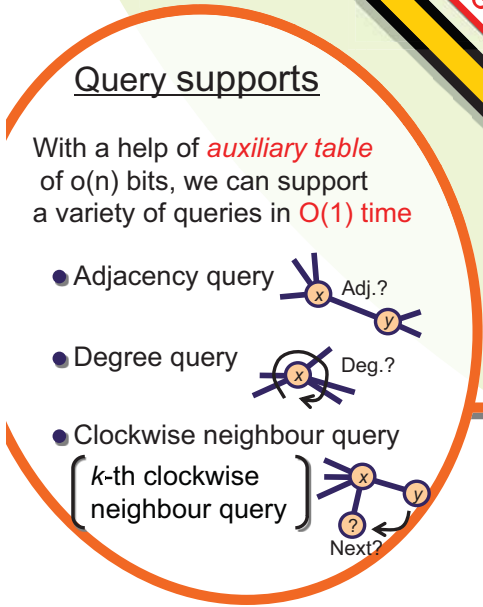
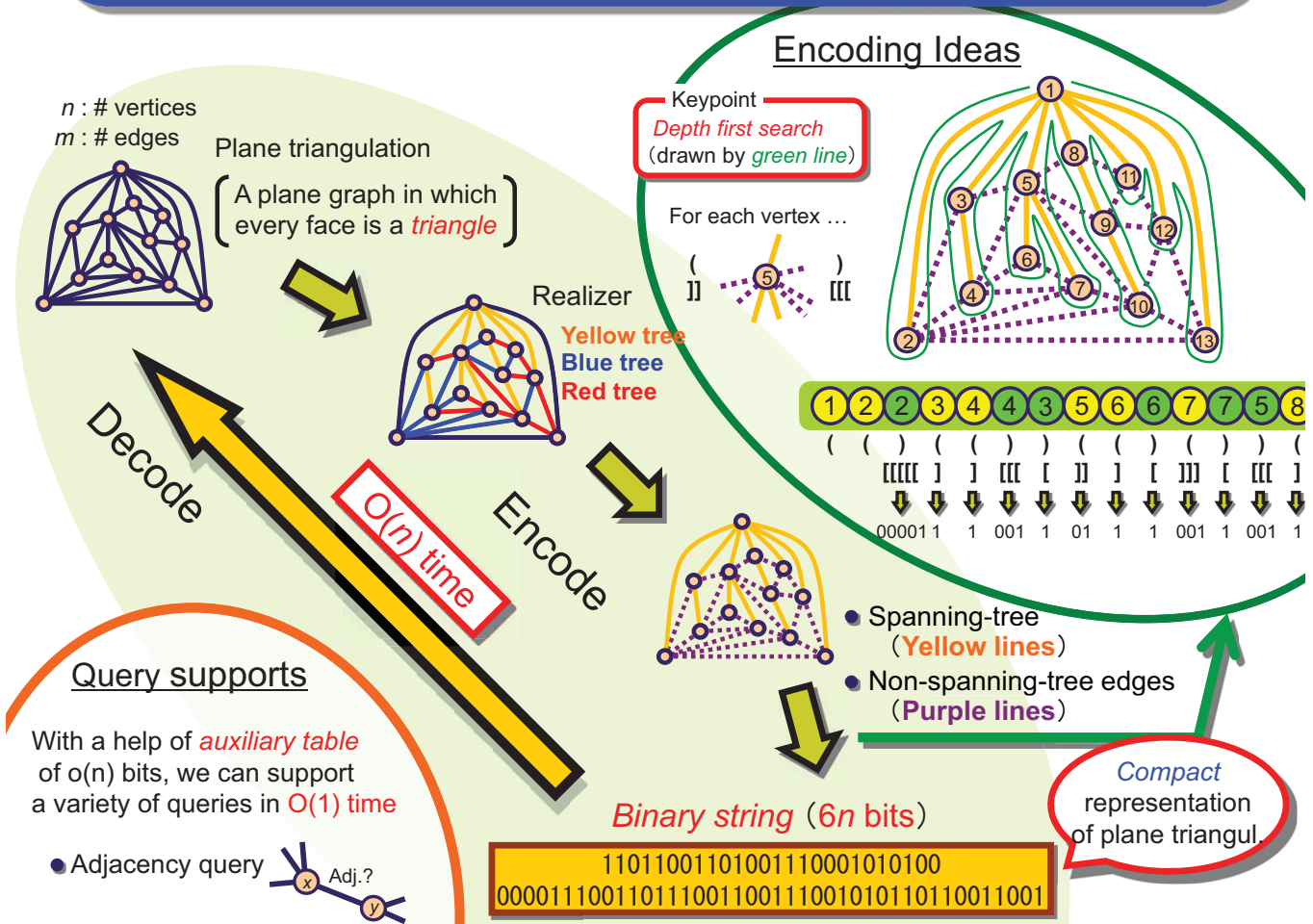
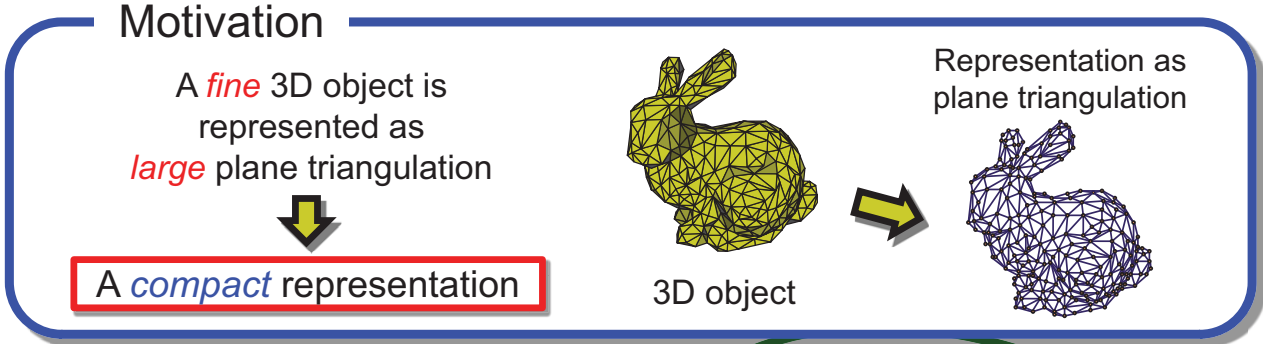


[Instructions for use](#)

A Compact Encoding of Plane Triangulations with Efficient Query Supports



○ Katsuhisa Yamanaka (UEC Tokyo) and Shin-ichi Nakano (Gunma Univ.)



11011001101001110001010100
000011100110111001100111001010110110011001

Known results

Authors	Size (bits)	Published in
Chuang, Garg, et. al.	$7n + o(n)$	Proc. ICALP (1998)
Aleardi, Devillers, et. al.	$4.35n + o(n)$	Proc. WADS (2005)
Aleardi, Devillers, et. al.	$3.24n + o(n)$	Theoretical Computer Science (2008)
Ours	$6n + o(n)$	Information Processing Letters (2010)