NEW YORK TIMES, 6/26/1994,from an article about Campbell's work on Area 51. It included this classic quotation from Air Force Col. Douglas Kennett: "We read his publication and we know what Mr. Campbell's doing near a base that may - or may not- exist. While Mr. Campbell says there is a base there, and while the Soviets appear to have photographed a base there, the Air Force is also aware of those times when Mr. Campbell or Russian spy satellites might be looking us over - and we can adjust our activities for that. That is, if any activities are going on at a base that may - or may not - exist."

Syllabus for CS 6155 **Summer 1999** CAT

Date	*Topic*	*Text*
6/22	Class info; $O()$ and $\Omega()$; Master Method; use of data structures	Ch.2,4,1
6/24	Selection	10
6/27–29	comparison and heapsort lower bounds	9.1,7,class
7/1	Prim and Dijkstra lower bounds	24,25.2
7/6–7/8	Disjoint sets and Kruskal upper bounds	22,24
7/13–7/15	Hashing	12,class
7/20	Test	
7/22–	FFT and DFT	32
7/27–8/3	Computational Complexity	36, notes
8/5	Parallel algorithms: pointer jumping; Randomized algs: agreement	30.1

Some course info: grading will be 30% each midterm, final, project, and 10% homework. Ask me to post old tests. Start projects early!

Homework 1

1.2-6; 2.3(a). Chapter 4: 4.3-4; 4-1(b,e,h); 4-3(a,b); 4-4(a,f).

This homework is due Tuesday June 29.

Next homework: 10.3-1, 10.3-3, 10.3-5, 10.3-9.