











	U	nd a problem to	
1 0	0	1000 operation	olve worst case s a second:
Complexity	n=10	n=100	n=1000
n	0.01 s	0.1 s	1 s
n log n	0.016 s	0.32 s	4.79 s
n ²	0.1 s	10 s	16.7 m
n ³	1 s	16.7 m	11.6 d
2 ⁿ	1 s	4x10 ¹⁹ y	3x10 ²⁹⁰ y
Major To	nic in 2110• B	eyond scope of	f this course

Algorithm "Complexity"









