









Inversion of Word										
term	recon		term	recno	I	term	recno	fı		
pap	1		ab	2		ab	2			
report	1		being	2		being	2			
novel	1	sort	charact	2	remove	charact	2			
technique	1		human	2		human	2			
literat	1		index	1		index	1			
result	1	<b>├</b> →	literat	1	duplicates	literat	1			
technique	1		novel	1		novel	1			
index	1		pap	1		рар	1			
	•		report	1		report	1			
report	2		report	2		report	2			
charact	2		result	1		result	1			
human	2		technique	1		technique	1			
being	2		technique	1		: `				
ab.										









- faster than full text scanning
  - 1 or 2 orders of magnitude faster
- modest space overhead
  - 10-20% vs. 10-300% (inversion)
- insertions can be handled more easily than inverted file
  - append only
  - no reorganization or rewriting

10-10



Basic Concepts (Continued)											
<ul> <li>Example (D=2, F=12, m=4)</li> </ul>											
word		signa	ture								
資訊	001	000	110	010							
檢索	000	010	101	001							
block signature	001	010	111	011							
Search											
Use hash function to determine the <i>m</i> 1-bit positions.											
<ul> <li>Examine each block signature for 1's bit positions that the signature of the search word has a 1.</li> </ul>											
				10-12							

























