













Idea: Replace Small Number of Large Disks with Large Number of Small Disks! (1988 Disks)				
	IBM 3390K	IBM 3.5" 0061	x70	
Capacity	20 GBytes	320 MBytes	23 GBytes	
Volume	97 cu. ft.	0.1 cu.ft.	ll cu.ft.	9X
Power	3 KW	НW	I KW	3X
Data Rate	I5 MB/s	I.5 MB/s	120 MB/s	8X
I/O Rate	600 I/Os/s	55 I/Os/s	3900 IOs/s	6X
MTTF	250 KHrs	50 KHrs	??? Hrs	
Cost	\$250K	\$2K	\$150K	
Disk Arrays have potential for large data and I/O rates, high MB per cu. ft., high MB per KW				
	But what about reliability?			
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