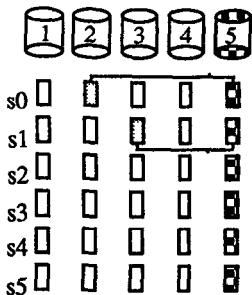
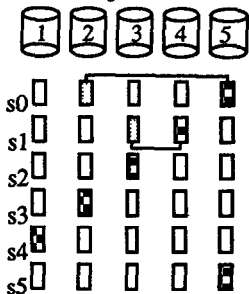


4 Data Disks

Check Disk



(a) Check information for Level 4 RAID for $G=4$ and $C=1$. The sectors are shown below the disks (The checked areas indicate the check information). Writes to s0 of disk 2 and s1 of disk 3 imply writes to s0 and s1 of disk 5. The check disk (5) becomes the write bottleneck.

5 Disks
(containing Data and Checks)

(b) Check information for Level 5 RAID for $G=4$ and $C=1$. The sectors are shown below the disks, with the check information and data spread evenly through all the disks. Writes to s0 of disk 2 and s1 of disk 3 still imply 2 writes, but they can be split across 2 disks to s0 of disk 2 and to s1 of disk 4.