

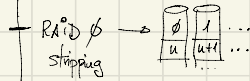
TOLERANCIA

CAPACIDAD

RENDIMIENTO

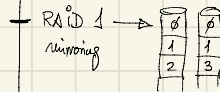
RAID

niveles
básicos



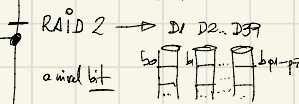
No tolerancia → 100% discos

→ paralelo n discos



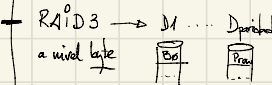
1 fallo (2 discos) → 50% discos

→ paralelo a n copias



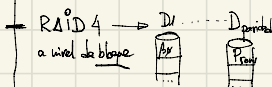
No tolerancia
si detección

→



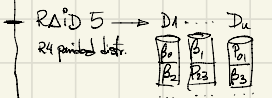
1 fallo → $\frac{n-1}{n} \times 100$

→ paralelo (n-1) discos
(cuello botella paridad (K0))



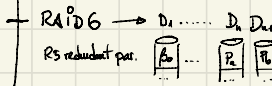
1 fallo (1cto paridad) → $\frac{n-1}{n} \times 100$

→ paralelo (n-1) disco
(cuello botella disco paridad (K0))



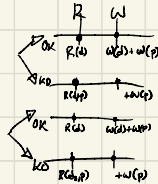
1 fallo (1cto paridad) → "

→ paralelo (n-1) disco
(paridad distribuida (OK))



2 fallos → $\frac{n-2}{n} \times 100$

→ paralelo (n-2) discos
(distributed redundant parity)



1) Niveles Combinados

Combinaciones

RAID 10

RAID 51

...