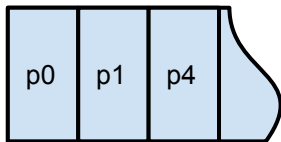
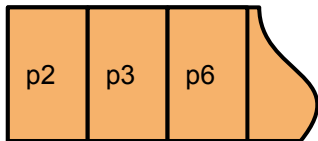


(a) TAS matrix



NUMA 0



NUMA 1

(b) memory layout