

- Crossbar Switch with one Buffer Memory per Input Line
- Throughput per Buffer Memory = 1 (incoming) + 1 (outgoing)
- Multiple (one per output) Queues per Buffer Memory:
  - "Virtual Output Queues VOQ"
  - N queues per input,  $N^2$  queues total, for N×N switch
- Crossbar Scheduling, per cell-time:
  - pairings ("marriages") between inputs and outputs each input specifies a subset of the outputs that it accepts to be married to
  - interdependent decisions difficult problem!

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