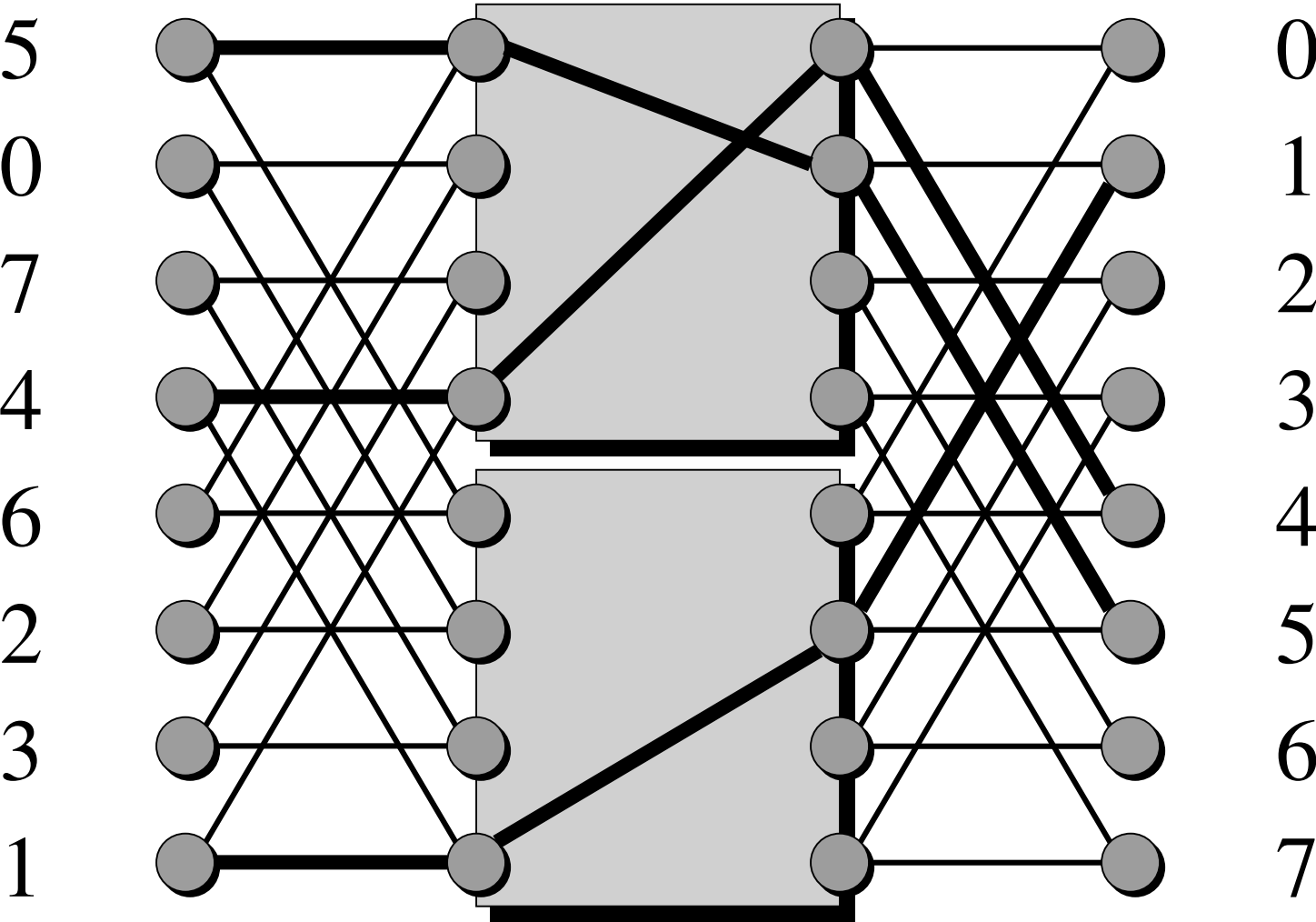Routing on a Beneš Network