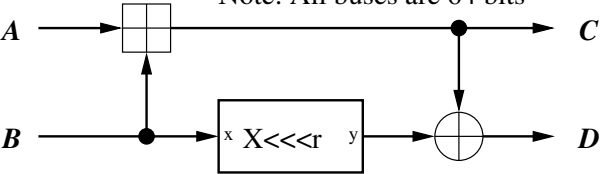


Note: All buses are 64 bits



r =rotation constant