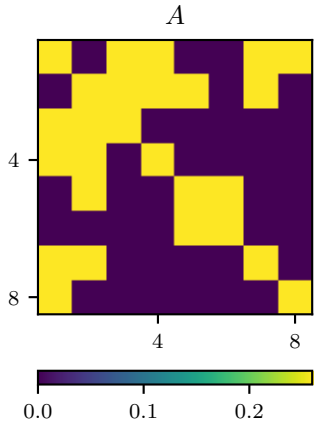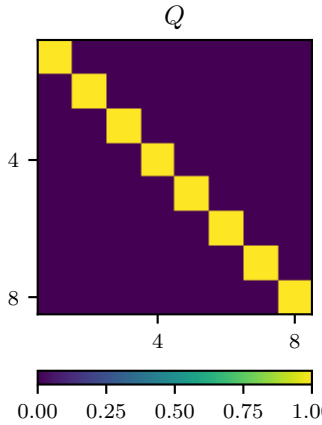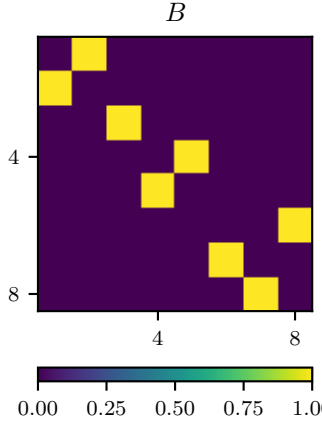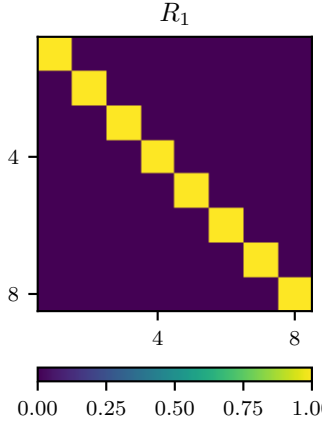System Model 2 Nominal