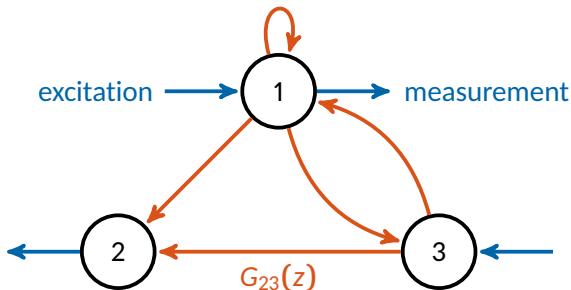


## Necessary Graph Condition for Local Network Identifiability

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From the given exc/meas, which transfer functions can be recovered?



**Definition:** Transfer functions that can be recovered are identifiable

**Theorem:** Identifiability is a generic property of network topology: it only depends on the graph structure, not its parameters  $\theta$