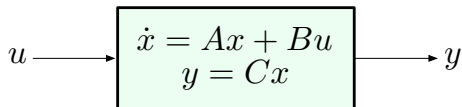


State-Space Realizations



- ▶ a given transfer function $G(s)$ can be realized using infinitely many state-space models
- ▶ certain properties make some realizations preferable to others
- ▶ one such property is *controllability*