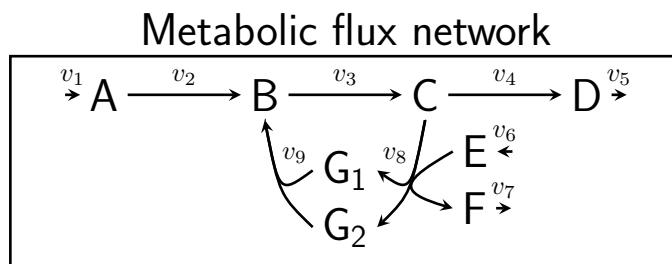
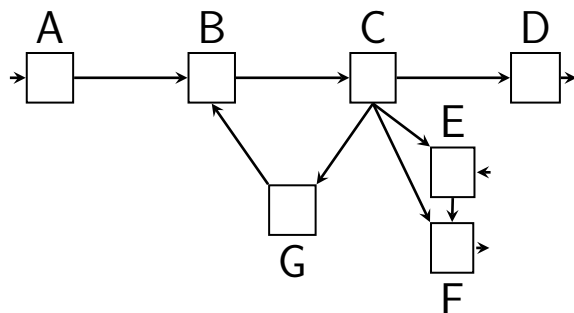


(a)



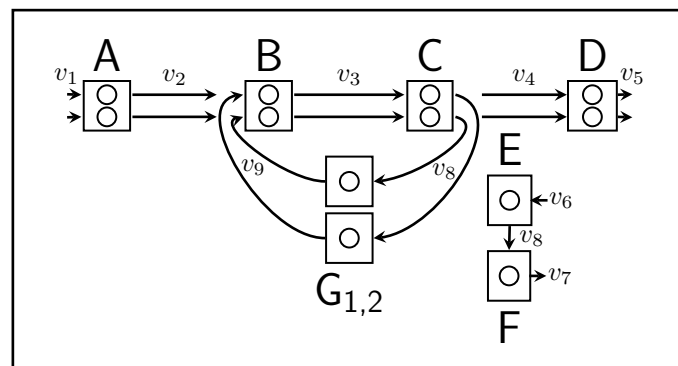
(b)

Metabolic graph



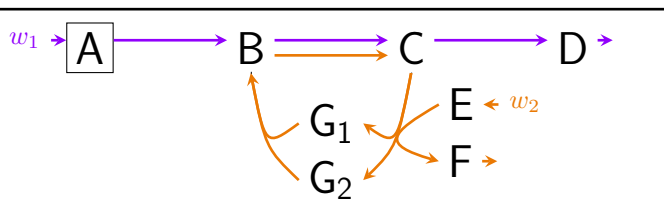
(c)

Atomic transition/flux graph



(d)

Molecular elementary flux modes



(e)

Atomic elementary flux modes

