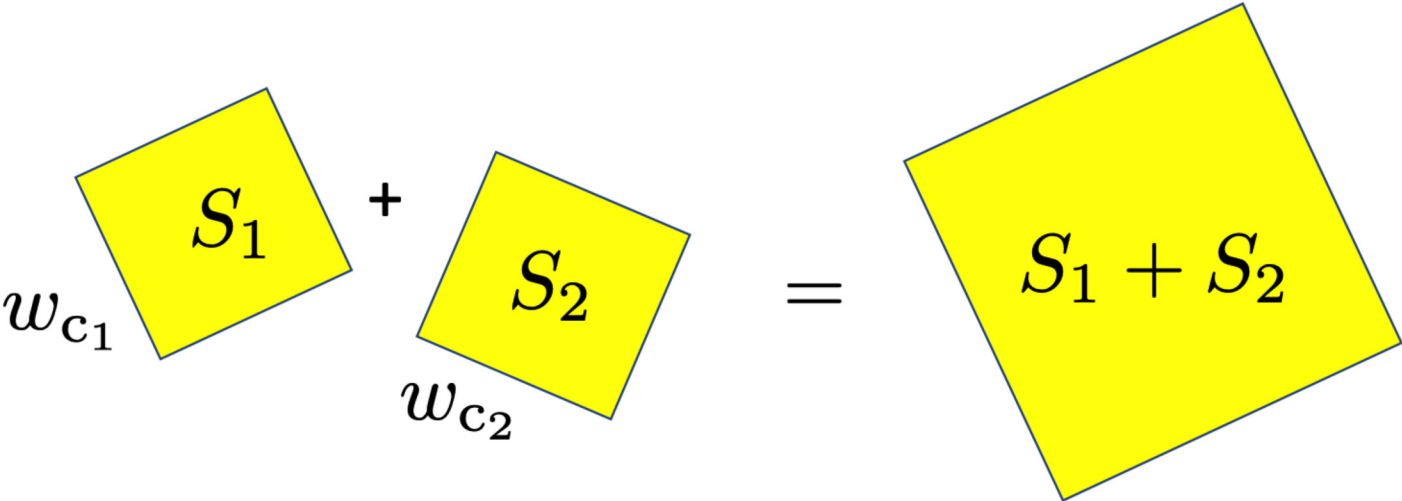


$$S = k \ln\{w_c\}$$



$$w_{c_1} + w_{c_2} \neq w_{c,\text{total}}$$

$$\ln\{w_{c_1}\} + \ln\{w_{c_2}\} = \ln\{w_{c,\text{total}}\}$$