

book

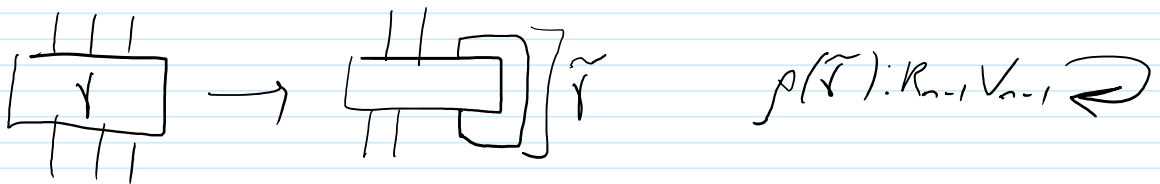
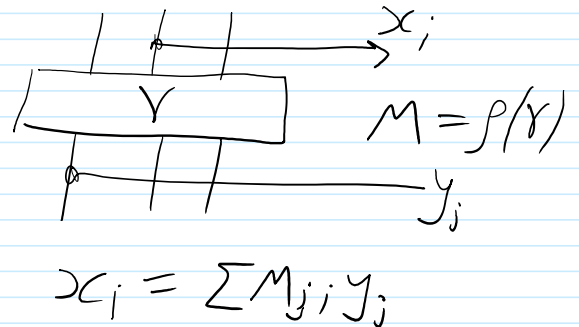
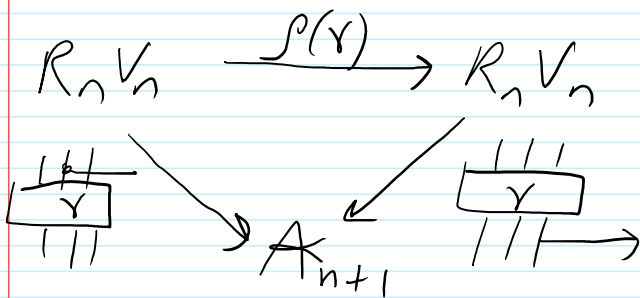
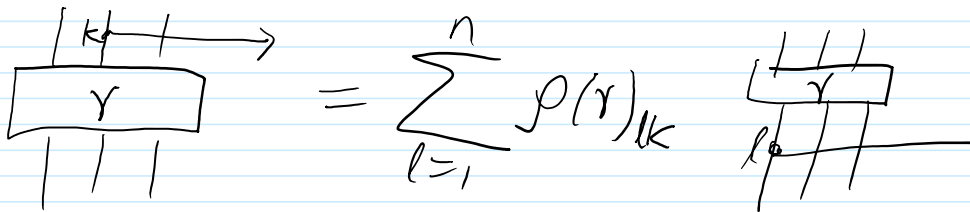
$V \rightsquigarrow R_n V_n$   $R_n$ : P.S. in  $b_1 \dots b_n$   $\parallel^{a_{ij}}$   
 $V_n$ : V.S. spanned by  $x_j$  or  $\bar{x}_j := x_j / b_j$

$$a_{ij} \cdot x_k = [a_{ij}, a_{k\infty}] = f_{jk}(b_i x_j - b_j x_i)$$

$$R_{ij} \bar{x}_k = e^{a_{ij}} \bar{x}_k = \begin{cases} \bar{x}_k & k \neq j \\ T_i \bar{x}_j + (1-T_i) \bar{x}_i & j = k \end{cases} \quad T_i = e^{b_i}$$

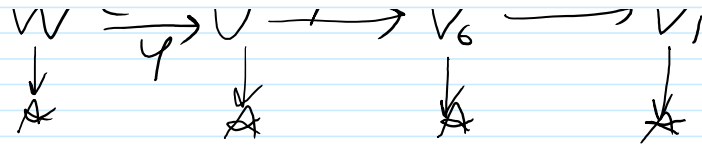
satisfies YBD.

$$e^{a_{ij}} a_{k\infty} e^{-a_{ij}} = R_{ij} x_k \Rightarrow e^{a_{ij}} a_{k\infty} = (R_{ij} a_{k\infty}) e^{a_{ij}}$$



1. By adding an equation.
2. By using process diagrams, following BB:
  - a. Def
  - b. Example

$$W \xrightarrow{\alpha} U \xrightarrow{\beta} V_6 \xrightarrow{\sigma} V_1^{\text{sink}}$$



chain  $v(u) = \tau \sigma \beta (1 - \gamma \alpha)^{-1} u$   
 For NEU

C. our example:

