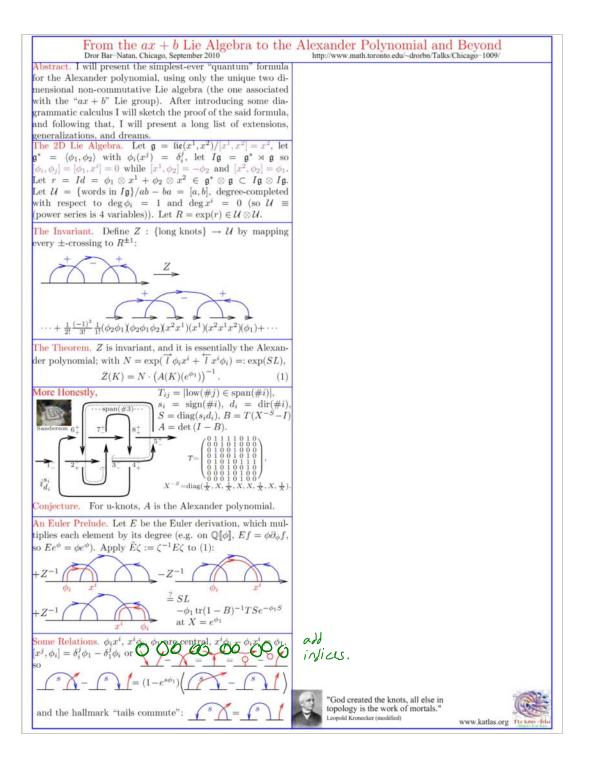
## Chicago ax+b Talk as of September 2

September-02-10 3:30 PM



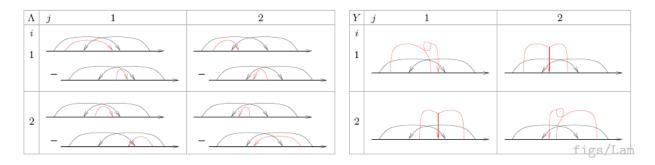


Figure 18. The matrices  $\Lambda$  and Y for a sample 2-arrow Gauss diagram (the signs on  $a_1$  and  $a_2$  are suppressed, and so are the r marks). The twists in  $y_{11}$  and  $y_{22}$  may be replaced by minus signs.

entries in  $IAM_G$  hold true:

$$\lambda - SL = \operatorname{tr} S\Lambda \qquad (25)$$

$$\Lambda = -BY - TX^{-S}w_1 \qquad (26)$$

$$Y = BY + TX^{-S}w_1 \qquad (27)$$

f

$$\Lambda = \ell^{ind} SL + T(I - \ell^{ind}) \Lambda + T \sigma$$
  

$$\lambda = t - \Lambda$$
  

$$\Lambda = (I - T(I - \ell^{ind}))^{-1} (T \sigma + \ell^{ind} SL)$$