

$$n^{\times}_n$$

$$\begin{array}{l} \text{isLess} \\ \text{isLessOrEqual} \\ e_{name} \end{array}$$

$$\begin{array}{l} col(V,y) \\ y \end{array}$$

$$\begin{array}{l} i,j \\ 1 \\ n \\ b_i \\ V_{ij} \\ v^t_* \\ Y_* \\ y \\ v_i \\ i \\ i \\ V_{uv} \\ u^t_* \\ Y_* \\ \phi^* \end{array}$$

$$\begin{array}{l} \text{if } e_1 \text{ then } e_2 \text{ else } e_3 \\ e_1 \\ 0 \\ 1 \end{array}$$

$$\begin{array}{l} succ \\ succ+ \\ succ+ \\ succ \\ islessorequal \\ succ+ \\ isless \\ isLessOrEqual \\ isLess \end{array}$$

$$\begin{array}{l} \overset{\rightarrow}{\Rightarrow} \\ \vec{f}: A \rightarrow \\ B \\ A \\ B \\ \overset{f}{\mapsto} \\ f: n \mapsto \\ n^2 \\ p_{a \mapsto b} \end{array}$$

$$\begin{array}{l} \backslash colon \\ \cdot \\ \dot{=} \\ \backslash coloneqq \end{array}$$

$$\begin{array}{l} c_i \\ i \neq \\ 1 \end{array}$$

$$\begin{array}{l} e_{\text{extend}} \\ e_{\text{aggregate}} \\ X_k^k \\ re- \\ turn \\ X_k \\ e_{\text{extend}} \\ e_{\text{aggregate}} \\ e_{\text{aggregate}} \end{array}$$

$$\begin{array}{l} e_{iterate} \\ X_1 = \\ e_{start} \end{array}$$

$$\begin{array}{l} e_{pop} \\ IdUpTo \\ e_{pop} := -G_{top} * G_{top}^T * X_k + e_{Prev} * V_{top} * e_{V_{top}}^T \end{array}$$

$$\begin{array}{l} e_{agg(not)last} \\ e_{aggregate} \\ X_k \\ \bar{X}_k \end{array}$$

$$\begin{array}{l} e_{aggprod} \\ IdVal \\ e_{aggprod} := V^T * V_{top} * (V^T * (e_{Prev} * V_{top}) - 1) \end{array}$$

$$\begin{array}{l} -1 \\ IdVal \end{array}$$