

Handwritten mathematical notes on a whiteboard:

Diagram 1: A 3x3 grid with arrows indicating a cycle: $a \rightarrow b \rightarrow c \rightarrow a$.

Diagram 2: A 3x3 matrix:

$$\begin{bmatrix} a-\lambda & b & c \\ d & e-\lambda & f \\ g & h & i-\lambda \end{bmatrix}$$

Equation 1:

$$f_1, f_2, \dots, f_n$$

Equation 2:

$$\left(\frac{f_1}{\sum f}, \frac{f_2}{\sum f}, \dots, \frac{f_n}{\sum f} \right)$$

Equation 3:

$$1, 2, 3, 4, \dots, n$$

Equation 4:

$$\left(\frac{1}{n}, \frac{1}{n}, \dots, \frac{1}{n} \right)$$

Equation 5:

$$|A - \lambda I| = 0 \quad (A - \lambda I)$$

