Learn Using of Equation

October 9, 2021

Abstract

List some examples of equation.

1 equation with rank

$$T \cdot A_{t-1} = A_t \implies T = A_t \cdot A_{t-1}^+ \tag{1}$$

2 equation with no rank

$$T \cdot A_{t-1} = A_t \implies T = A_t \cdot A_{t-1}^+$$

3 equation with multiple lines

$$\begin{aligned}
x &= t + \cos t + 1 \\
y &= 2 \sin t
\end{aligned} \tag{2}$$

4 case and function

$$D(x) = \begin{cases} 1, \text{if be } x \in \mathbb{R} \\ 0, x \in \mathbb{Q} \end{cases} \tag{3}$$