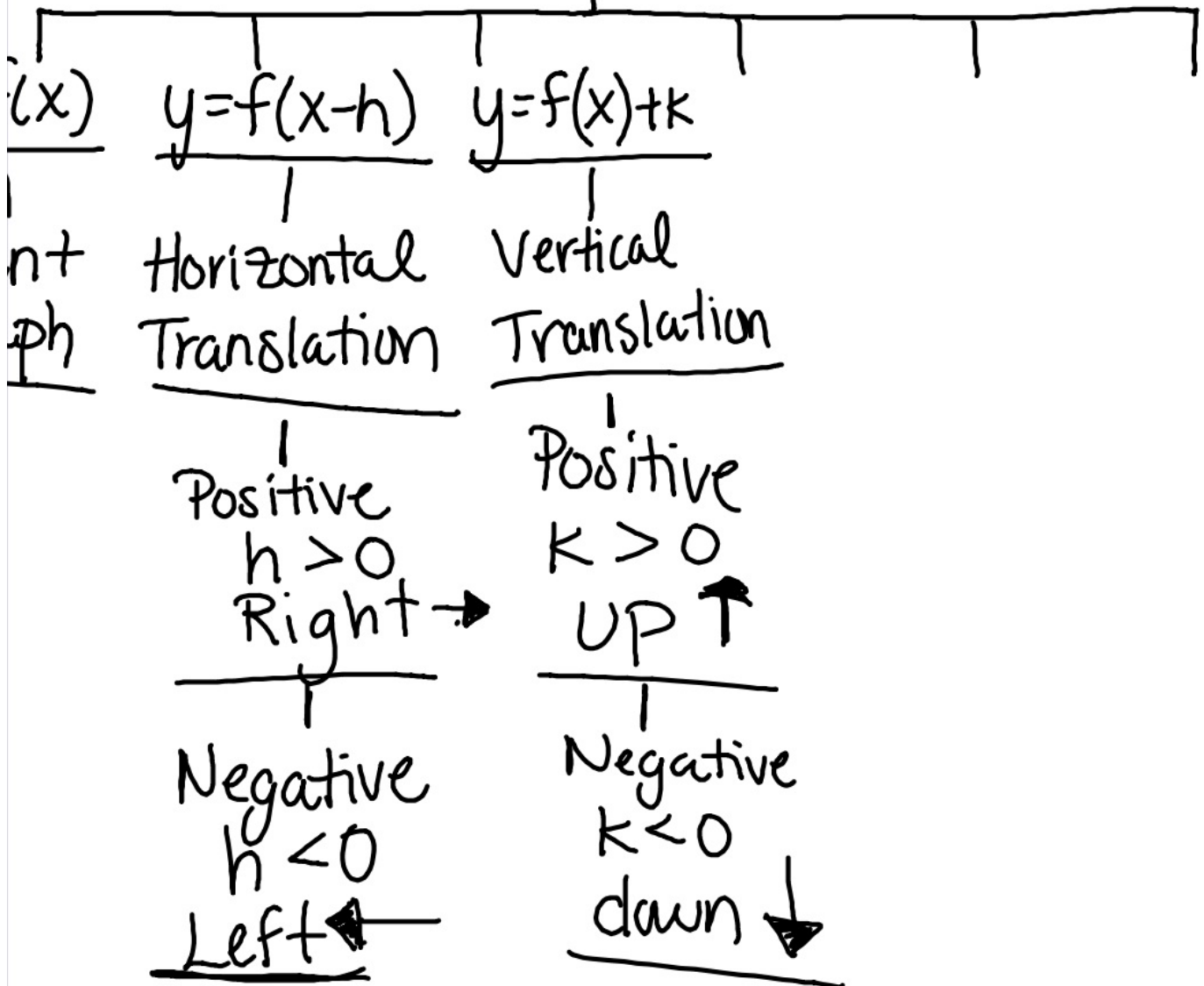


p. 21 Transformation Tree map

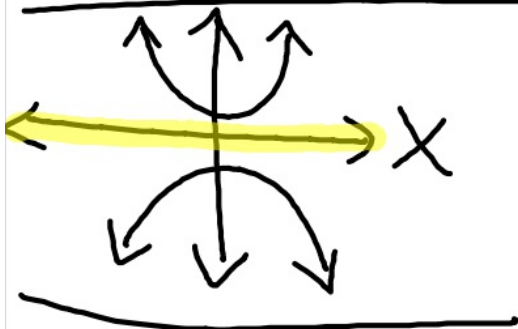
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have?

Transformations In Function Notation



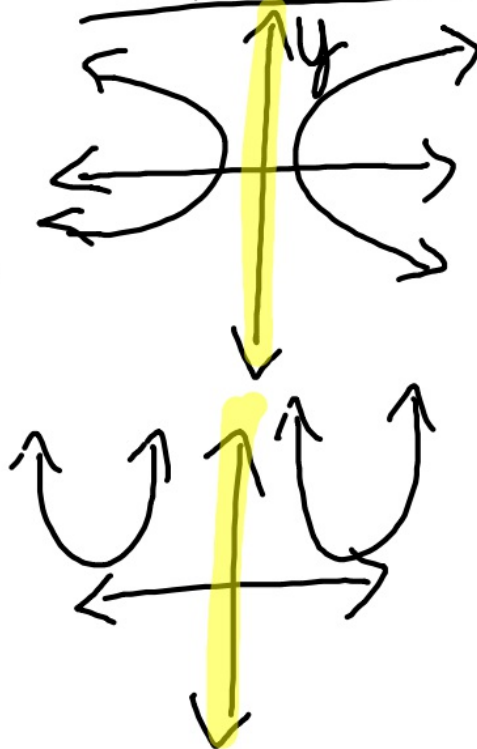
$$y = -f(x)$$

X-axis Reflection



$$y = f(-x)$$

Y-axis Reflection



$$y = a \cdot f(x)$$

Dilation
(Stretch/Shrink)

$$|a| > 1$$

Stretch

$$0 < |a| < 1$$

Shrink