

$$\mathcal{F}\{X^*\} = Kx^*; \quad \mathcal{F}^{-1}\{x^*\} = \frac{1}{K}X^*; \quad \mathcal{F}\{x^*\} = K(\mathcal{F}^{-1}\{x\})^*; \quad \mathcal{F}^{-1}\{X^*\} = \frac{1}{K}(\mathcal{F}\{X\})^*$$