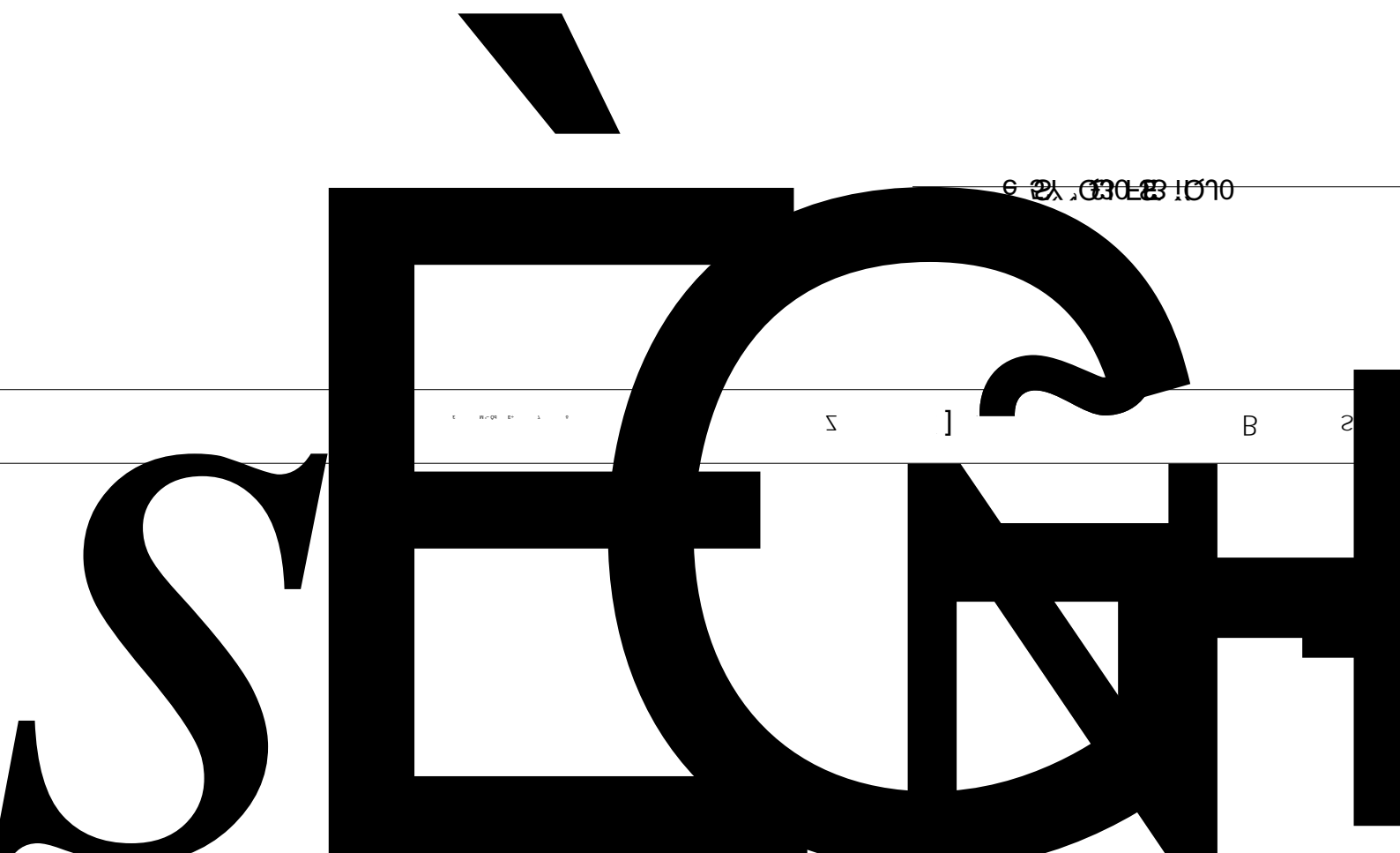


$$(1) \quad s \quad s_1$$

$$(2) \quad s_1 \quad z \quad z e^{s_1 T}$$

$$(1) \quad s \quad s_1$$
$$\frac{2}{T} \quad \bar{T} \quad \bar{T} \quad a \quad \frac{1}{2} T$$



$$(3) \quad C$$

(a)

$$T \quad T$$

$$a \quad \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2}$$

$$C \quad a \quad \frac{1}{2} \quad C \quad \frac{1}{2} \quad C \quad \frac{2}{T}$$

(b)

$$C \quad a \quad \frac{1}{2} \quad C \quad a \quad \frac{c}{2}$$

$$C \quad c \operatorname{ctg} \quad \frac{c}{2}$$

(4)

$$1 \quad \frac{2}{T} \quad a \quad \frac{1}{2}$$

IIR

IIR-双线性变换法

