

$H_N(x)$ 

$$\begin{cases} x_1 = 1.65068 \\ x_2 = 0.52464 \\ x_3 = -0.52464 \\ x_4 = -1.65068 \end{cases}$$

$$\begin{aligned} w_1 = w_4 &= 0.08131 \\ w_2 = w_3 &= 0.80492 \end{aligned}$$

 $L_N(x)$ 

$$\begin{cases} x_1 = 0.32254 \\ x_2 = 1.74576 \\ x_3 = 4.53662 \\ x_4 = 9.39507 \end{cases}$$

$$\begin{aligned} w_1 &= 0.60328 \\ w_2 &= 0.35742 \\ w_3 &= 0.03888 \\ w_4 &= 0.00053 \end{aligned}$$

 $T_N(x)$ 

$$\begin{cases} x_1 = 0.92387 \\ x_2 = 0.38268 \\ x_3 = -0.38268 \\ x_4 = -0.92387 \end{cases}$$

$$w_1 = w_2 = w_3 = w_4 = \frac{\pi}{4}$$