

$$G_{\text{Bey}}(x) = G'(x) + 3 \sum_k G^2(x, y, -y) |U(y)|^2 + O\left(\frac{1}{H}\right) \quad (68)$$

$$\left\{ \begin{array}{l} u(t) \sim O(\frac{1}{\sqrt{M}}) \\ v(t) \sim O(\frac{1}{\sqrt{M}}) \end{array} \right\} O(1) \quad \times \quad \underbrace{M \times O(\frac{1}{M})}_{O(1)}$$

PAIRINGS NOT
INTO PAIRS BUT
INTO HIGHER
MOMENTS

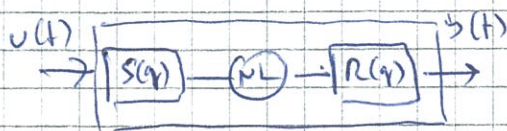
B.G. $h_1 = h_2 = l$

BLA DERIVATION, WPT, $M \rightarrow \infty$ IN FIXED BAND

$$G_{\text{Bos}}(l) = G^1(l) + 3 \sum_h G^3(l, h, -h) |V(h)|^2$$

$$M \nearrow \infty \left(\begin{array}{l} \sum_{k=1}^M f(x_k) \Delta x_k \quad \text{--- RIEMANN INTEGRAL SUM} \\ \int_0^1 f^3(f, \xi, \xi) S_{\omega}(\xi) d\xi \quad \text{RIEMANN EQUIVALENT SIGNALS} \end{array} \right.$$

BLA DERIVATION, CONT, WIENER-HARTMANN SYSTEM



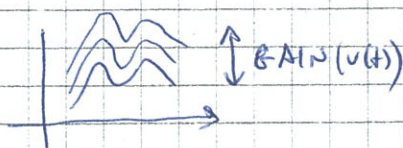
$$G^{\lambda} = C_{\lambda} R(h_1) \dots R(h_{\lambda}) S\left(\sum_1^{\lambda} h_i\right)$$

$$G^A(\lambda) = C_A S(\lambda) R(\lambda)$$

$$G^3(h_1, h_2, l-h_1-h_2) = c_3 S(l) R(l) |R(h)|^2$$

$$G_{BL}(l) = G^1(l) + 3 C_3 S(l) R(l) \sum_k \underbrace{|R(k)|^2 |U(k)|^2}_3$$

$$G_{\text{Dreh}}(\lambda) = \left(1 + 3 \frac{c_3}{\epsilon_1} \frac{1}{3}\right) c_1 S(\lambda) R(\lambda) = (1 + k_3) G^1(\lambda)$$



PROPORTIONATE TO THE TRUE LINEAR PART

(FIXED POLES, "WEAK" NONLINEARITY)