Francisch Avencange Avencebur

Apobiena quisiparim

$$S = \frac{\beta}{W_0} - x_{0}$$
 raminent

 $M(s) = \frac{N(s)}{D(s)} / - payronauna q - us$

- 1. Currez H(s) Kox ei budposs? Currez no A4X
- 2. Peausyangus Kak cycrose resorpernamounum. ? Benip bunarus

Om ne peanizyens Ah n RC yensum.

Mymm RhC

- pezonaiopu gasot carp. n

Companiennue napu noused

Degrand unggrindration ven ne xoretes. Ux nomma zonemes governes.



$$H(s) = |H(s)| e^{j \arg H(s)}$$

Aux

opux

Aux

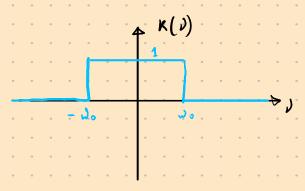
- · Apuren T. W. nommann N h & benjecth. 10 H'(s) = H(s'), i.e. parenique H(s) · H(s*) | s-3)
- Mognenum zagary: $\gamma \gamma n = s=j \partial$, $M(s^*) = M(-s)$, a vax gyornee parlo varos: $M(s) \cdot M(s^*)|_{s=j \partial} = M(s) \cdot M(-s)|_{s=j \partial}$

$$M(s) \cdot M(-s) = |K(v)|^2$$
 $Aux^2 - y$ rain qu'un esse nodop nyién a nouveb

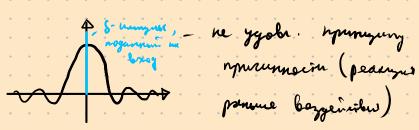
Corbezque nyién a nouveb Aux^2 beenga Lyges curriespurne (unt. esnec.

Zamenos $S - s - s$), a noubliny un bossinem b $M(s)$, noubliny $- M(-s)$.

Monday. grunsip numerux raction



$$h(t) = \int_{-1}^{1} h(f) e^{2\pi i f t} df = \frac{\sin 2\pi t}{\pi t}$$



Tie. Faran grustp ne peauzyen.

Donyerun nepælnomeprosis AUX l' novore nponyerame: 1 1/1/1/1 nosoia jagepmanus

$$M(s) \cdot M(-s) \Big|_{s=j_0} = \frac{1}{1+\epsilon^2 F_n^2(y)}$$
 $h - nonegon granspa$

$$|F_n(v)| = \begin{cases} \leq 1 \\ \geq N_1, & \geq N \end{cases}$$

Bamanin bertopa:

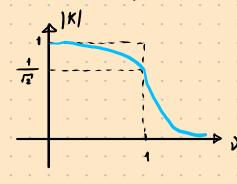
2.
$$F_n(v) = P_n(v) - grunsp Uessemble, rge $P_n(v)$ - nouman Yessemble$$

Basephopi

$$H(s) \cdot H(-s) \Big|_{s=jv} = \frac{1}{1+\epsilon^2 v^{2n}}$$

$$E^{2}\left(\frac{J}{N_{0}}\right)^{2}$$
 - unnevenue E subularenino unnevenue W_{0} , $V.e.$ E ne nymen - on brenge 1

$$K(v) = \frac{1}{\sqrt{1+v^{2n}}}$$



Non no co sia AUX reorg. cipemies k ugeauson memorgionisi.

