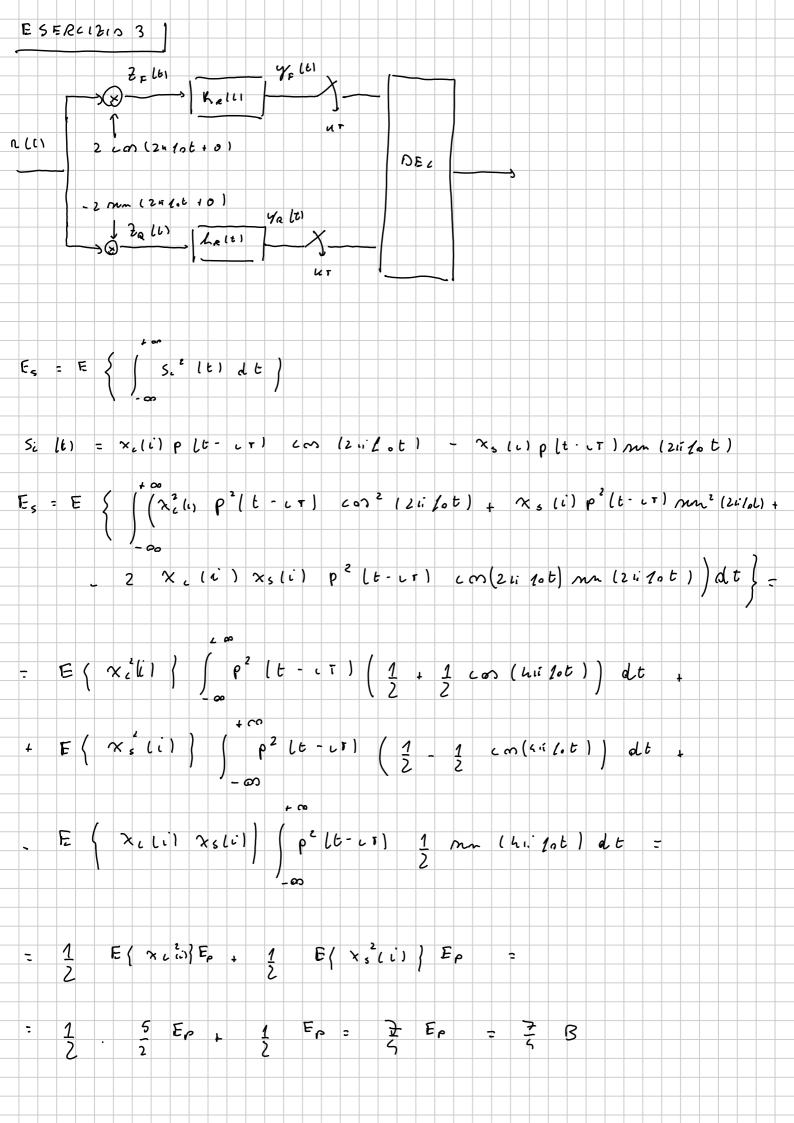


$$P_{n}\{a\} : \frac{1}{2n} \cdot \frac{3}{13} \cdot \frac{3}{3} \left(1 - \frac{4}{2} \right)$$

$$ESERCIZIO 2]$$

$$X(b) : \frac{A}{r} mrc \left(\frac{b}{r} \right) con(2v/s^{b})$$

$$Y(b) : con (2v/s^{b}) \cdot \frac{1}{r} 2v \cdot \frac{1}{r} 2v$$



```
Ερ = | [P(L)|<sup>2</sup> dL: | 3
                 NUEN = SLt) & (lt) + n lt) =
                                                     = 5 (t - t.) + m (t) =
                                                = 5 × c (m) p lt - m T - ts) cos (2 11 10 t - 2 11 10 to) +
                                                    + 2 × s (n) p lt - n 5 - to ) cm (2 n /ot - 2 i /o to) + n lt1
                                                                                            IN FASE
              RATIO
        2 c (t) = 2 = (t) + 2 = (t)
                                                                                                                                                                                                   E Fa lt1

Ly componente di trum ne
                                                                                           Los componente de
2 FS (t) = \( \int \times \( \tau \) \( \tau
                                                      + 2 xs (~) p (t-~ r- t.) mn (21, 10 t + 2) 2 cm (24, 20 t + 0) =
   = \( \times \( \tan \) \( \tan \)
       3 x s (n) ρ (t - n τ - t a) (mn (d - θ) + mn (h ii ( ot + d + θ ))
   y = (t) = y = s (t) + y = ~ (t)
     YF 5 (t) = $ x c (m) g (t - ~ T) con (d - 9) +
```

```
- 3 x s (~ 1 g Lt - m T 1 mm (2 - 10)
       glt) = plt1 & clt1 & lelt1
                                         P(1) (11) He(1) = P(1)
       6111=
  P_{mus} = H_0 \left( \frac{1}{1} + R_1(1) \right)^2 d_1 = H_0 \left( \frac{P'H'}{1} \right) d_2 = H_0
RADO IN QUADRATURA
  2 es lt) = - [ x c (n) p lt - n ] - to) con (21 10 t + d) 2 mm (21 10 t + 0)
                                                  = \( \( \times \) \( \tau \) \( \
 / Z xs(n) p(t-n7-t.) ( cos (d-0) - cos (4./.t + d+0))
        + 2 × c (n) 4 (t - n) n (d - 0)
                                                                 NI
                                                                                               CROSS- VALK
        ASSEMZA
                                                             2 - 0 = 2 15 K
                                                                  0 = d + 2 k is = -2 is 10 to + 2 k is
```

Pmma = MoB Verifues orenza shi 151 6 (1) = P1(1) CP. crr 2 ma in per de atura Pre-enlis de errare 2 mm in Lose P₅ (F) Q (1/r PE ESERC1310 4 1) MO undi 5x11) avrebbe compositi to 2) wich non la le momma in rl a 0 SI mouth tute le orgreto 3)