

(3) Grupo & Luna
$$X(1) = U \cos(18\pi t + \frac{17}{4}) + 8 \sec(4\pi t) + 5$$
.

• $X_1(1) = 5$

• $F(5(1)) = 5 (2\pi f \omega) = 10\pi f(\omega)$

• $X_2(1) = 8 \cos(14\pi t)$

• $F(A \sin(2\pi f \omega)) = \frac{A}{23} [f(\omega - \omega) - f(\omega + \omega)]$

= $4 \sin(1 + \frac{17}{4}) = \frac{B}{23} [f(\omega - \omega) - f(\omega + \omega)]$

• $X_3 = 4 \cos(18\pi t + \frac{17}{4}) = \frac{A}{2} [f(\omega - \omega) + f(\omega + \omega)] = \frac{3}{2}$

• $F(A \cos(2\pi f \omega + \frac{1}{4})) = \frac{A}{2} [f(\omega - \omega) + f(\omega + \omega)] = \frac{3}{2}$

• $F(A \cos(2\pi f \omega + \frac{1}{4})) = \frac{A}{2} [f(\omega - \omega) + f(\omega + \omega)] = \frac{3}{2}$

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• $F(A \cos(2\pi f \omega + \frac{1}{4})) = \frac{A}{2} [f(\omega - \omega) + f(\omega + \omega)] = \frac{3}{2}$

• $F(A \cos(2\pi f \omega + \frac{1}{4})) = \frac{A}{2} [f(\omega - \omega) + f(\omega + \omega)] = \frac{3}{2} [f(\omega - \omega) + f(\omega + \omega)] =$

3 Gropo de luia X(1)= 4 cos(8/1+ 7) + 8 ser(4/1+ 5. · X1 (+) = 5 F (5(1) (= 5(2H few)) = 10H few) · X2 (t) = 8500 (471t) F/A sin (27166) = A [few-ws) - 80w-ws)] F(18 Sen (4) +1) = 8 [8 [w-2) - g(w+2)] = 45 [g(W-2) - g(W+2)] · X3 = 4 cos (8元十年) F (Acos (2 + fot+ 中)) = A [8 (w-wo)+8(w+vo)]e3中 于「4cos(Bnt+買)(= 生了》(w-4)+8(w+4)]e)节. = 2 [](w-4) +](w+4)](= +] = Entonces XIL)=4cos (8n++=)+Bsen (4nt)+5= 2(=+j=)[8(w-4)+8(w+u)] + 10n fcw) + 4, I g(w-2) - f(w+2)]