chi). [14, 15, 18, 19, 27, 26, 25, 5] [14]. $\beta_1 = 85dB$ $\beta_{22} 66dB$ $\beta_{22} 70dB$. $\beta_{2} = (10dB) 109 \overline{1}_{0}$. $2\overline{1}_{0} = \overline{1}_{0}$ $2\beta_{1} = \beta_{1} - \beta_{2} = (10dB) 109 \overline{p}_{2}$. $2\beta_{1} = 0$. $2\beta_{2} = 0$. $2\beta_{3} = 0$. $2\beta_{4} = 0$. $2\beta_{5} = (2bm) = 3dB$

15.10)
$$V_5 = \frac{331}{\sqrt{15}}$$
 $V = 1.5 V_5$

$$V = \frac{1}{\sqrt{25}}$$

$$\frac{19}{10} \cdot (a) \cdot f = f \cdot \frac{\sqrt{-10}}{7} \cdot (a) \cdot \frac{10}{41} \cdot \frac{\sqrt{10}}{10} \cdot \frac{\sqrt{1$$

$$(9 \cdot cu) I = \frac{P}{A}. \qquad A = 4\pi r^2 \cdot \frac{P}{4\pi r^2} \cdot \frac{P}{4\pi r^2}$$

22. (W). Classed at one end.
$$f = \frac{nU}{4t} (n=1;3,5,...)$$
.

Secon (owest $n=3$. $f = \frac{3\times340}{9\times09} = 283.3 HZ.

 $V = \sqrt{\frac{1}{N}} \cdot \frac{1}{N} = \frac{1}{N} \cdot \frac{1}{N} = \frac{1}{N} \cdot \frac{1}{N} \cdot \frac{1}{N} = \frac{1}{N} \cdot \frac{1}$$

26. (a)
Sm = 1000 - 100

(c). w=3.14 rad.5.

(d) Sm'=7.4x15-9m (e). k=9.81 rad.m
(f)-w=3.14x13 rad.5-1.

28 (a). d= \(\frac{1}{2} \) Smet 20.

(b). Si\$5,. Smet 350 In Smet 3500

(c). Smult 45m.

73. fo=4.542 ff244.042 T= forff = 2242073.