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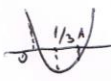
$$(m+1)3^{2x} + (m+2)3^x + m-2 = 0$$

$$3^x = t \quad | \neq 0$$

$$t^2(m+1) + t(m+2) + m-2 = 0$$

$m+1 \neq 0$ परिभाषित करें $2 \times$

$$t^2 + t \frac{m+2}{m+1} + \frac{m-2}{m+1} = 0$$



$$\Rightarrow f(1) = 1 + \frac{m+2}{m+1} + \frac{m-2}{m+1} = \frac{3m+1}{m+1}$$

$$0 > f\left(\frac{1}{3}\right)$$

$$0 < f(0) = \frac{m-2}{m+1}$$

$$\frac{+}{-1} \frac{+}{-2}$$

$$m > 2$$

$$m < -1$$

$$\frac{+}{-1} \frac{+}{-1} \frac{+}{-1}$$

$$-1 < m < -\frac{1}{3}$$

$$x_1 > 0$$

$$t_1 = 3^{x_1} > 3^0 = 1$$

$$t_2 = 3^{x_2} < 3^{-1} = \frac{1}{3}$$