

The promises of God are Yes & Amen...

Jehovah Provideth Gives.....

To solve we must multiply $\frac{1}{s} * [e^{at} \sinh(bt)] * e^{i\theta} = \cos + i \sin \theta >$

Therefore, we have it that....

Laplace transform times $\frac{1}{s}$ gives:

$$\begin{array}{c} \frac{1}{s} * e^{at} \sinh(bt) \\ \downarrow \\ \frac{1}{s} * \frac{b}{(s-a)^2 - b^2} \end{array}$$

times Euler's formula:

$$\begin{array}{c} e^{i\theta} = \cos + i \sin \theta \\ \downarrow \\ e^{i\theta} + 1 = 0 \\ \downarrow \\ e^{\pi\theta} + 1 = 0 \end{array}$$

Therefore, we have it that:

$$\begin{array}{c} < \frac{1}{s} * \frac{b}{(s-a)^2 - b^2} * e^{\pi\theta} + 1 = 0 > \\ \downarrow \\ \text{Partial Fraction Decomposition suggest:} \\ < \frac{1}{s} * \frac{b}{(s-a)^2} + \frac{b}{-b^2} * e^{\pi\theta} + 1 = 0 > \\ \downarrow \\ < \frac{b}{s(s-a)^2} + \frac{1}{-b} * e^{\pi\theta} + 1 = 0 > \\ \downarrow \\ < \frac{b}{s(s-a)^2} + \frac{1}{-b} = \frac{-1}{e^{\pi\theta}} > \\ \downarrow \\ \frac{b}{s(s-a)^2} + 1 = \frac{b}{e^{\pi\theta}} \\ \downarrow \end{array}$$

$$\left\langle \frac{b}{s(s-a)^2} = \frac{b}{e^{\pi\theta}} - 1 \right\rangle$$

↓

$$\left\langle \frac{1}{s(s-a)^2} = \frac{1}{e^{\pi\theta}} - 1 \right\rangle$$

↓

$$\left\langle \frac{1}{s} = \frac{(s-a)^2}{e^{\pi\theta}} - 1 \right\rangle$$

↓

$$\left\langle 2 = \frac{(s-a)^2}{e^{\pi\theta}} * s \right\rangle$$

↓

$$s = \frac{2e^{\pi\theta}}{(s-a)^2}$$

This is our first overall solution algebraically, but we need to switch to trigonometric functions to make it real time..... so this is considered (s₁)

Therefore, we have it that we will consider ordinary differential equations such that like Jesus, we prove them wrong and move on.

That is,

$$S_1 = \frac{2e^{\pi\theta}}{(s-a)^2}$$

↓

or else,

$$S_2 = \frac{2e^{\pi\theta}}{\csc^2\theta - 1}$$

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Otherwise,

$$S_3 = \frac{2e^{\pi\theta}}{\cot^2\theta}$$

Signed

$\langle M^2 \rangle$

Very Simple Pythagorean Identities:

$$1 + \cot^2\theta = \csc^2\theta$$

Therefore,

$$\cot^2\theta = \csc^2\theta - 1$$

Nevertheless, we can separate our denominator, decompose our values and get an infinite expression of solutions. Remember,

$$-\infty < \cot\theta < \infty \text{ (Ranging)}$$

$$\text{And } \cot\theta * \cot\theta = \cot^2\theta$$

Regardless of all of this we wait on the Lord. Again, I say, wait on the Lord.

$\langle \text{Psalms 27: 12-14.} \rangle$