

Datos del Formulario

Nombre: jose

Apellido: perez

Imagen cargada:

Out[6]= $\left\{ \left\{ y[x] \rightarrow e^{-2x} c_1 + e^{-2x} x c_2 + e^{2x} c_3 + e^{2x} x c_4 \right\} \right\}$

Out[7]= $\left\{ \left\{ y[x] \rightarrow -\frac{4x}{125} - \frac{x^3}{75} + \frac{e^{\sqrt{5}(-1+\sqrt{2})x} c_3}{\sqrt{5}(-1+\sqrt{2})} - \frac{e^{-\sqrt{5}(-1+\sqrt{2})x} c_4}{\sqrt{5}(-1+\sqrt{2})} + c_5 - \frac{c_2 \cos\left[\sqrt{5}(1+\sqrt{2})x\right]}{\sqrt{5}(1+\sqrt{2})} + \frac{c_1 \sin\left[\sqrt{5}(1+\sqrt{2})x\right]}{\sqrt{5}(1+\sqrt{2})} \right\} \right\}$

Out[8]= $\left\{ \left\{ y[x] \rightarrow e^x c_3 + c_1 \cos[x] + c_2 \sin[x] - \frac{1}{10} e^{2x} (-5 + 3 \cos[x]^2 + 3 \sin[x]^2) \right\} \right\}$

Out[9]= $\left\{ \left\{ y[x] \rightarrow e^{x \sqrt{-1.32...}} c_1 + e^{x \sqrt{0.662... - 0.562... i}} c_2 + e^{x \sqrt{0.662... + 0.562... i}} c_3 + e^{x \sqrt{-1.32...}} c_4 + e^{x \sqrt{-0.662... - 0.562... i}} c_5 + e^{x \sqrt{-0.662... + 0.562... i}} c_6 \right\} \right\}$

Out[10]=
$$\frac{\left\{ \left\{ y[x] \rightarrow e^{x \sqrt{-6.17...}} c_1 + e^{x \sqrt{1.45...}} c_2 + e^{x \sqrt{0.359... - 0.454... i}} c_3 + e^{x \sqrt{0.359... + 0.454... i}} c_4 \right\} \right\}}{16 \sqrt{674} \left(4 + \sqrt{1.45...}^2 \right)}$$
$$\frac{i \left(\sqrt{-6.17...} - \sqrt{0.359... - 0.454... i} \right) \left(\sqrt{-6.17...} - \sqrt{0.359... + 0.454... i} \right) \left(\sqrt{0.359... - 0.454... i} - \sqrt{0.359... + 0.454... i} \right) \left(2 \cos[2x] + \sqrt{1.45...} \sin[2x] \right)}{16 \sqrt{674} \left(4 + \sqrt{0.359... - 0.454... i}^2 \right)}$$
$$\frac{i \left(\sqrt{-6.17...} - \sqrt{1.45...} \right) \left(\sqrt{-6.17...} - \sqrt{0.359... - 0.454... i} \right) \left(\sqrt{1.45...} - \sqrt{0.359... + 0.454... i} \right) \left(2 \cos[2x] + \sqrt{0.359... - 0.454... i} \sin[2x] \right)}{16 \sqrt{674} \left(4 + \sqrt{0.359... + 0.454... i}^2 \right)}$$
$$\frac{i e^{\sqrt{-6.17...} x} \left(4 + \sqrt{1.45...} + \sqrt{0.359... - 0.454... i} + \sqrt{0.359... + 0.454... i} \right) \left(\sqrt{1.45...} - \sqrt{0.359... - 0.454... i} \right) \left(\sqrt{1.45...} - \sqrt{0.359... + 0.454... i} \right) \left(\sqrt{0.359... - 0.454... i} - \sqrt{0.359... + 0.454... i} \right) \left((4 + 2i) + \sqrt{1.45...} + \sqrt{0.359... - 0.454... i} \right)}{16 \sqrt{674} \left((4 - 2i) + \sqrt{1.45...} + \sqrt{0.359... - 0.454... i} + \sqrt{0.359... + 0.454... i} \right) \left((4 + 2i) + \sqrt{1.45...} + \sqrt{0.359... - 0.454... i} \right)}$$

Size in memory: 50.8 kB | [Show more](#) | [Show all](#) | [Iconize](#) | [Store full expression in notebook](#)