Out[0]=

$$\left(\frac{1}{a}\left[2^{\alpha}\operatorname{ArcCos}\left[-\sqrt{\left(\frac{5}{8}-\frac{1}{2}\sqrt{\left(\frac{25}{16}-\frac{33 \operatorname{b} \operatorname{Cos}\left(\frac{\alpha\alpha}{2}\right)^{2}-4\operatorname{a} \operatorname{sSin}\left(\frac{\alpha\alpha}{2}\right)^{2}+\operatorname{Sin}\left(\frac{\alpha\alpha}{2}\right)^{2}}{16\operatorname{b} \left(\operatorname{cos}\left(\frac{\pi\alpha}{2}\right)^{2}+\operatorname{Sin}\left(\frac{\pi\alpha}{2}\right)^{2}}\right) + \frac{33 \operatorname{b}^{2} \operatorname{Cos}\left(\frac{\alpha\alpha}{2}\right)^{2}-4\operatorname{a} \operatorname{b} \operatorname{Sin}\left(\frac{\alpha\alpha}{2}\right)^{2}+\operatorname{b}^{2} \operatorname{Sin}\left(\frac{\alpha\alpha}{2}\right)^{2}}{48\left(\operatorname{b}^{2} \operatorname{Cos}\left(\frac{\alpha\alpha}{2}\right)^{2}+\operatorname{b}^{2} \operatorname{Sin}\left(\frac{\alpha\alpha}{2}\right)^{2}\right)} + \left(3\theta \operatorname{a}^{2} \operatorname{b}^{2}+72\operatorname{a} \operatorname{b}^{3}+45\operatorname{b}^{4}-48\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2}+\operatorname{b}^{2} \operatorname{Sin}\left(\frac{\alpha\alpha}{2}\right)^{2}\right) + \left(3\theta \operatorname{a}^{2} \operatorname{b}^{2}+72\operatorname{a} \operatorname{b}^{3}+45\operatorname{b}^{4}-48\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2}+\operatorname{b}^{2} \operatorname{Sin}\left(\frac{\alpha\alpha}{2}\right)^{2}+2\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2}+2\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2}+2\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{sin}\left(\frac{\alpha\alpha}{2}\right)^{2}+2\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{sin}\left(\frac{\alpha\alpha}{2}\right)^{2}+2\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{sin}\left(\frac{\alpha\alpha}{2}\right)^{2}+2\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{sin}\left(\frac{\alpha\alpha}{2}\right)^{2}+2\operatorname{b}^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)^{2} \operatorname{cos}\left(\frac{\alpha\alpha}{2}\right)$$

$$a^{3} b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15\, 933\, 434\, 112\, a^{2} \, b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{4}$$
 
$$\sin \left(\frac{\pi \alpha}{2}\right)^{8} + 4\, 586\, 471\, 424\, a\, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8}\right)^{1/3}\right) + \frac{1}{192 \times 2^{1/3} \, b^{2}} \left(-3456 \, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 82\, 944\, a^{2} \, b^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{138\, 240\, a\, b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 58\, 752\, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{138\, 240\, a\, b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 304\, 128\, a^{2} \, b^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{138\, 240\, a\, b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155\, 520\, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{138\, 240\, a\, b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155\, 520\, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{138\, 240\, a\, b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 135\, 520\, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{138\, 240\, a\, b^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 135\, 520\, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{138\, 240\, a\, b^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{138\, 240\, a\, b^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{138\, 240\, a\, b^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{138\, a^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{$$

$$\frac{1}{2}\sqrt{\left(\frac{25}{8} - \frac{33 \, b \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{(30 \, a^2 \, b^2 \, b^2 + 72 \, a \, b^3 + 45 \, b^4 - 32 \, a^2 \, b^2 \, \cos\left[\pi\alpha\right] - 2} - \frac{36 \, b^4 \, \cos\left[\pi\alpha\right] - 36 \, b^4 \, \cos\left[\pi\alpha\right] + 2 \, a^2 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \frac{36 \, a^2 \, b^2 \, \cos\left[\pi\alpha\right] - 36 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 + 364 \, 128 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \frac{387 \, 072 \, a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 364 \, 128 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, 072 \, a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155 \, 520 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, 072 \, a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155 \, 520 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, a^2 \, a^2 \, a^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, a^2 \, a^2 \, a^2 \, a^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, a^2 \, a^2 \, a^2 \, a^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, a^2 \, a^2 \, a^2 \, a^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, a^2 \, a^2 \, a^2 \, a^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, a^2 \, a^2 \, a^2 \, a^2 \, a^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{387 \, a^2 \,$$

$$a^{3}b^{3}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}+15\,033\,434\,112\,a^{2}\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{4}$$
 
$$\sin\left[\frac{\pi\alpha}{2}\right]^{8}+4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}\right)^{1/3}\right)-\frac{1}{192\times2^{1/3}\,b^{2}}\left(-3456\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{6}+82\,944\,a^{2}\,b^{4}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+88\,752\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+304\,128\,a^{2}\,b^{4}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+155\,520\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+155\,520\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+155\,520\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+\frac{138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{$$

$$\frac{\left(125}{8} - \frac{-9 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^2 + 5 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 10 \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2}{2 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 5 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{5 \left(33 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}{8 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 5 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} \right) /$$

$$\frac{5 \left(33 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 5 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{1}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 3 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{1}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 4 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{1}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^4 + 5 \sin\left[\frac{\pi\alpha}{2}\right]^4\right)} + \frac{1}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304128 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^4\right)} + \frac{1}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304128 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^4\right)} + \frac{1}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304128 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 155520 \text{ b}^6} + \frac{1}{16 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304128 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 155520 \text{ b}^6} + \frac{1}{16 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304128 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 155520 \text{ b}^6} + \frac{1}{16 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304128 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304128 \text{ a}^2 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 248832 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 3556 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 3556 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 248832 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^4 + 3556 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 3560 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 32160 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32160 \cos$$

29 302 456 320  $a^2 b^{10} \cos \left[ \frac{\pi \alpha}{2} \right]^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 7644119040$ a  $b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 - 764411904 b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^6$  $\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1811939328 a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 -$ 4076 863 488  $a^5 b^7 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142582272$  $a^4 b^8 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15854469120 a^3 b^9 \cos \left[\frac{\pi \alpha}{2}\right]^4$  $\sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15033434112 a^{2} b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} +$  $4586471424 \text{ a b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8\right)^{1/3} +$  $\frac{1}{192 \times 2^{1/3} b^2} \left( -3456 b^6 \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 82944 a^2 b^4 \cos \left[ \frac{\pi \alpha}{2} \right]^4 \right)$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^2 + 138240 \text{ a } b^5 \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^4 \operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^2 + 58752 b^6$  $\cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 73728 a^3 b^3 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 +$ 304 128 a<sup>2</sup> b<sup>4</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^2$  Sin  $\left[\frac{\pi \alpha}{2}\right]^4$  + 387 072 a b<sup>5</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^2$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^4 + 155520 \, b^6 \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^2 \operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^4 + 65536 \, a^3 \, b^3$  $\sin\left[\frac{\pi \alpha}{2}\right]^{6} + 221184 a^{2} b^{4} \sin\left[\frac{\pi \alpha}{2}\right]^{6} + 248832 a b^{5} \sin\left[\frac{\pi \alpha}{2}\right]^{6} +$ 93 312 b<sup>6</sup> Sin  $\left[\frac{\pi \alpha}{2}\right]^6 + \sqrt{\left(-764411904 \text{ a}^2 \text{ b}^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{10}\right)}$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^2 - 1528823808 \text{ a b}^{11} \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^{10} \operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^2 -$ 764411904 b<sup>12</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^{10}$  Sin  $\left[\frac{\pi \alpha}{2}\right]^{2}$  + 5860491264  $a^4 b^8 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 16307453952 a^3 b^9 \cos \left[\frac{\pi \alpha}{2}\right]^8$  $\sin\left[\frac{\pi \alpha}{2}\right]^4 + 13504610304 a^2 b^{10} \cos\left[\frac{\pi \alpha}{2}\right]^8 \sin\left[\frac{\pi \alpha}{2}\right]^4 +$ 1528 823 808 a b<sup>11</sup>  $\cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528 823 808$  $b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1811939328 a^{6} b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{6}$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^6 - 4076863488 a^5 b^7 \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^6 \operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^6 +$ 9 003 073 536 a<sup>4</sup> b<sup>8</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^6$  Sin  $\left[\frac{\pi \alpha}{2}\right]^6$  + 32 161 923 072  $a^{3}b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{6}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+29302456320a^{2}b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{6}$ 

$$\begin{split} & \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{6}{5}} + 7644119940 \text{ ab}^{12} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{6}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{6}{5}} - \\ & 7644119940 \text{ b}^{12} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{6}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{6}{5}} - 1811939328 \\ & a^{6} \text{ b}^{6} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} - 4076863488 \text{ ab}^{\frac{6}{5}} \text{ cos}\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \\ & \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 3142582272 \text{ a}^{4} \text{ b}^{6} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + \\ & 15854469120 \text{ a}^{\frac{1}{5}} \text{ b}^{9} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + \\ & 15933434112 \text{ a}^{\frac{1}{5}} \text{ b}^{10} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 4586471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 4586471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 4586471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 4586471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 4586471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 4586471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{4}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{8}{5}} + 331 \text{ b}^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 4586471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 243 \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 331 \text{ b}^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 486471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 243 \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 331 \text{ b}^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 486471424 \\ & \text{ ab}^{13} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 243 \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 331 \text{ b}^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 331 \text{ b}^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 486471424 \\ & \text{ ab}^{\frac{1}{5}} \cos\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} + 331 \text{ b}^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac{1}{5}} \sin\left(\frac{\pi\alpha}{2}\right)^{\frac$$

$$a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1528 \, 823 \, 808 \, b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8}$$

$$\sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1811 \, 939 \, 328 \, a^{6} \, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 4076 \, 863 \, 488 \, a^{8} \, b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 9003 \, 073 \, 536$$

$$a^{4} \, b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 322 \, 161 \, 923 \, 072 \, a^{3} \, b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 7644 \, 119040 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 7644 \, 119040 \, a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 7644 \, 119040 \, a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 7644 \, 119040 \, a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 7644 \, 119040 \, a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \, \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 1811 \, 939 \, 328 \, a^{6} \, b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \, \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 3142 \, 582 \, 272 \, a^{4} \, b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \, \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15854 \, 469 \, 1200 \, a^{3} \, b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \, \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15834 \, 3434 \, 112 \, a^{2} \, b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \, \sin \left[\frac{\pi \alpha}$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 4076 \, 863 \, 488 \, a^{5} \, b^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \, \sin\left[\frac{\pi\alpha}{2}\right]^{6} + \\ 9003 \, 073 \, 536 \, a^{4} \, b^{8} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \, \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 32161923 \, 072 \\ a^{3} \, b^{9} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \, \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 29 \, 302 \, 456 \, 320 \, a^{2} \, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \\ \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 7644119040 \, a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \, \sin\left[\frac{\pi\alpha}{2}\right]^{6} - \\ 764411904 \, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \, \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 18119393 \, 328 \, a^{6} \, b^{6} \\ \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{8} - 4076 \, 863 \, 488 \, a^{5} \, b^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{8} + \\ 3142 \, 582 \, 272 \, a^{4} \, b^{8} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15 \, 854469120 \\ a^{3} \, b^{9} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15 \, 803 \, 434112 \, a^{2} \, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \\ \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 4586 \, 471 \, 424 \, a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{8} \right) \right]^{1/3} + \\ \frac{1}{2} \, \sqrt{\left(\frac{25}{8} - \frac{33 \, b^{2} \cos\left[\frac{\pi\alpha}{2}\right]^{2} - 4 \, a \, b \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 33 \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^{2}} - \\ \frac{33 \, b^{2} \cos\left[\frac{\pi\alpha}{2}\right]^{2} - 4 \, a \, b \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 33 \, b^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2}} - \\ 48 \, \left(b^{2} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + b^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2} \right) - \\ \frac{33 \, b^{2} \cos\left[\pi\alpha\right] - 36 \, b^{4} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + 33 \, b^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2}} - \\ 72 \, a \, b^{3} \cos\left[\pi\alpha\right] - 36 \, b^{4} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + 23 \, b^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2}} - \\ 138 \, 240 \, a \, b^{5} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + 58 \, 752 \, b^{6} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{2} + \\ 138 \, 240 \, a \, b^{5} \cos\left[\frac{\pi\alpha}{2}\right]^{3} \, \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 304 \, 128 \, a^{2} \, b^{4} \cos\left[\frac{\pi\alpha}{2}\right]^{4} + 316 \, a^{2} \, a^{$$

$$\begin{split} & \sin\left[\frac{\pi\alpha}{2}\right]^4 + 16307453952 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & 13504610 \, 304 \, a^2 \, b^{10} \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1528 \, 823 \, 808 \\ & a \, b^{11} \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528 \, 823 \, 808 \, b^{12} \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \\ & \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1811 \, 939 \, 328 \, a^6 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 - \\ & 4076 \, 863 \, 488 \, a^5 \, b^7 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 9003 \, 073 \, 536 \\ & a^4 \, b^8 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32161 \, 923 \, 072 \, a^3 \, b^9 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 5 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29 \, 3024 \, 456 \, 320 \, a^2 \, b^{10} \, \cos\left[\frac{\pi\alpha}{2}\right]^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 7644 \, 119040 \, a \, b^{11} \, \cos\left[\frac{\pi\alpha}{2}\right]^6 \, - 1811 \, 939 \, 328 \, a^6 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \\ & 5 in\left[\frac{\pi\alpha}{2}\right]^8 - 4076 \, 863 \, 488 \, a^5 \, b^7 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ & 3142 \, 582 \, 272 \, a^4 \, b^8 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15 \, 854 \, 469 \, 120 \\ & a^3 \, b^9 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15 \, 8033 \, 434 \, 112 \, a^2 \, b^{10} \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \\ & \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4586 \, 471 \, 424 \, a \, b^{11} \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 \right) \right]^{1/3} \right] - \\ & \frac{1}{192 \times 2^{1/3} \, b^2} \left(-3456 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82 \, 944 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 + 304 \, 128 \\ & a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 37728 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304 \, 128 \\ & a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 65 \, 536 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304 \, 128 \\ & a^2 \, b^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 248 \, 832 \, a \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 93 \, 312 \, b^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 221184 \, a^2 \, b^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 248 \, 832 \, a \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 93 \, 312 \, b^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 5860 \, 491 \, 264 \, a^4 \, b^8 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 135046 \, 10304 \, a^2 \, b^{10} \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 5860 \, 491 \, 264 \, a^4 \, b^8 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 16 \, 307453 \, 952 \\ & a^3 \, b^9 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 135046 \, 10304 \, a^2 \, b^{10} \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha$$

$$\begin{split} & \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1528\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - \\ & 1528\,823\,808\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1811\,939\,328\,a^6\,b^6 \\ & \cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,976\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 9\,903\,973\,536\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,972 \\ & a^3\,b^9\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,392\,456\,320\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 \\ & \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,940\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6 \\ & \cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,976\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ & 3\,142\,582\,272\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,933\,434\,112\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^4 \\ & \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 \right) \\ & \frac{125}{8} - \frac{-9\,b\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - 10\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2}{2\,b\,\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 3\,a\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2} - \\ & \frac{5\,\left(33\,b\,\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2}{16\,b\,\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2} + \\ & \frac{33\,b^2\,\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2}{48\,\left(b^2\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2} \right) \\ & \frac{36\,b^4\,\cos\left[\pi\alpha\right] + 2\,a^2\,b^2\,\cos\left[\pi\alpha\right] - 2\,a\,b^2\,\cos\left[\pi\alpha\right] - 72\,a\,b^2\,\cos\left[\pi\alpha\right] - \\ & 36\,b^4\,\cos\left[\pi\alpha\right] + 2\,a^2\,b^2\,\cos\left[\pi\alpha\right] - \frac{7}{2}\,b^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + \frac{138\,240}{2} \\ & a\,b^5\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 36\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128\,a^2\,b^4 \\ & a\,b^5\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + \\ & 73\,728\,a^3\,b^3\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 38\,7972\,a\,b^5\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & \cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 36\,12\,a^2\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + \\ & 73\,728\,a^3\,b^3\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 38\,7972\,a\,b^5\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & \cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 36\,12\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 36\,12\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 36\,12\,\cos\left[\frac{\pi\alpha}{2$$

$$155520 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 65536 \, a^3 \, b^3 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 221184 \, a^2 \, b^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 248832 \, a \, b^5 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 93312 \, b^6$$

$$\sin \left[\frac{\pi \alpha}{2}\right]^6 + \sqrt{\left(-764411904 \, a^2 \, b^{10} \, \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - 1528823808 \, a \, b^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - 764411904 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 5860491264 \, a^4 \, b^8 \, \cos \left[\frac{\pi \alpha}{2}\right]^8 + 16307453952 \, a^3 \, b^9 \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 13504610304 \, a^2 \, b^{10} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823808 \, a^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1811939328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 4076863488 \, a^5 \, b^7 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 + 32161923072 \, a^3 \, b^9 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 29302456320 \, a^2 \, b^{10} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a \, b^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 764411904 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a \, b^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 764411904 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 + 4076863488 \, a^5 \, b^7 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a \, b^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 155520 \, b^{6} \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + \\ 65536 \, a^{3} \, b^{3} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 221184 \, a^{2} \, b^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + \\ 248832 \, a \, b^{5} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 93312 \, b^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + \\ \sqrt{\left(-764411904 \, a^{2} \, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^{2} - 1528823808} \\ a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^{2} - 764411904 \, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \\ \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 5860 \, 491264 \, a^{4} \, b^{8} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + \\ 16307453952 \, a^{3} \, b^{9} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 13594610304 \\ a^{2} \, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 1528823808 \, a^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{4} - \\ 1811939328 \, a^{6} \, b^{6} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 4076863488 \\ a^{5} \, b^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 9003073536 \, a^{4} \, b^{8} \cos\left[\frac{\pi\alpha}{2}\right]^{6} + \\ 29302456320 \, a^{2} \, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 7644119040 \\ a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{6} - 18119393288 \, a^{6} \, b^{6} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 7644119040 \\ a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{6} - 18119393288 \, a^{6} \, b^{6} \cos\left[\frac{\pi\alpha}{2}\right]^{6} + 7644119040 \\ a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 764411904 \, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{6} + \\ 4076863488 \, a^{5} \, b^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 764411904 \, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{6} + \\ 4076863488 \, a^{5} \, b^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15854469120 \, a^{3} \, b^{9} \cos\left[\frac{\pi\alpha}{2}\right]^{8} + \\ 4586471424 \, a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15854469120 \, a^{3} \, b^{9} \cos\left[\frac{\pi\alpha}{2}\right]^{8} + \\ 4586471424 \, a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + 4 \, a \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 31 \, b \sin\left[\frac{\pi\alpha}{2}\right]^{2} + \\ 48 \, \left(b^{2} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + a^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 3 \, b^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + \\ 48 \, \left(b^{2} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + a^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 3 \, b^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 3 \, b^{2} \cos\left[\frac{\pi\alpha}{2}\right]^{2} + 3 \, b^$$

72 a b<sup>3</sup> Cos [ $\pi \alpha$ ] – 36 b<sup>4</sup> Cos [ $\pi \alpha$ ] + 2 a<sup>2</sup> b<sup>2</sup> Cos [2  $\pi \alpha$ ])  $\left(6 \times 2^{2/3} \text{ b}^2 - 3456 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 + 82944 \text{ a}^2 \text{ b}^4 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^2 + \frac{\pi \alpha}{2} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^2 + \frac{\pi \alpha}{2} \sin \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]$ 138 240 a b<sup>5</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^4$  Sin  $\left[\frac{\pi \alpha}{2}\right]^2$  + 58 752 b<sup>6</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^4$  $\sin\left[\frac{\pi \alpha}{2}\right]^2 + 73728 a^3 b^3 \cos\left[\frac{\pi \alpha}{2}\right]^2 \sin\left[\frac{\pi \alpha}{2}\right]^4 + 304128 a^2 b^4$  $\cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \text{ a b}^5 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 +$ 155 520 b<sup>6</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^2$  Sin  $\left[\frac{\pi \alpha}{2}\right]^4$  + 65 536 a<sup>3</sup> b<sup>3</sup> Sin  $\left[\frac{\pi \alpha}{2}\right]^6$  + 221 184  $a^2 b^4 Sin \left[ \frac{\pi \alpha}{2} \right]^6 + 248 832 a b^5 Sin \left[ \frac{\pi \alpha}{2} \right]^6 + 93 312 b^6$  $\sin\left[\frac{\pi \alpha}{2}\right]^{6} + \sqrt{\left(-764411904 \text{ a}^2 \text{ b}^{10} \cos\left[\frac{\pi \alpha}{2}\right]^{10} \sin\left[\frac{\pi \alpha}{2}\right]^2 - \frac{\pi \alpha}{2}}$ 1528 823 808 a  $b^{11} \cos \left[ \frac{\pi \alpha}{2} \right]^{10} \sin \left[ \frac{\pi \alpha}{2} \right]^2 - 764411904 b^{12}$  $\cos\left[\frac{\pi\,\alpha}{2}\right]^{10}\,\sin\!\left[\frac{\pi\,\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8\,\cos\!\left[\frac{\pi\,\alpha}{2}\right]^8$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\,\operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^8\,\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^4 +$ 13 504 610 304 a<sup>2</sup> b<sup>10</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^{8}$  Sin  $\left[\frac{\pi \alpha}{2}\right]^{4}$  + 1 528 823 808 a b<sup>11</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^{8}$  Sin  $\left[\frac{\pi \alpha}{2}\right]^{4}$  - 1528 823 808 b<sup>12</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^{8}$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^4 - 1811939328 \, \operatorname{a}^6 \, \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^6 \operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \, \operatorname{a}^6 \, \operatorname{b}^6 \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^6 + 18119329 \, \operatorname{a}^6 \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right$ 4076 863 488 a<sup>5</sup> b<sup>7</sup> Cos  $\left[\frac{\pi \alpha}{2}\right]^6$  Sin  $\left[\frac{\pi \alpha}{2}\right]^6$  + 9003 073 536  $a^4 b^8 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 32161923072 a^3 b^9 \cos \left[\frac{\pi \alpha}{2}\right]^6$  $\sin\left[\frac{\pi \alpha}{2}\right]^{6} + 29\,302\,456\,320\,a^{2}\,b^{10}\,\cos\left[\frac{\pi \alpha}{2}\right]^{6}\,\sin\left[\frac{\pi \alpha}{2}\right]^{6} +$ 7 644 119 040 a b<sup>11</sup>  $\cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 - 764 411 904$  $b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 a^6 b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^{8} - 4076863488 a^{5} b^{7} \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^{4} \operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^{8} +$ 3 142 582 272  $a^4 b^8 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15854469120$  $a^{3}b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}+15033434112a^{2}b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{4}$  $\operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^{8} + 4586471424 \text{ a b}^{11} \operatorname{Cos}\left[\frac{\pi \alpha}{2}\right]^{4} \operatorname{Sin}\left[\frac{\pi \alpha}{2}\right]^{8}\right)^{1/3} +$ 

$$\begin{split} \frac{1}{192 \times 2^{1/3}} \frac{1}{b^2} \left[ -3456 \, b^6 \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 82\, 944 \, a^2 \, b^4 \cos \left[ \frac{\pi \alpha}{2} \right]^4 \right. \\ & \left. \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 138\, 240 \, a \, b^5 \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 + \\ & 58\, 752 \, b^6 \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 73\, 728 \, a^3 \, b^3 \cos \left[ \frac{\pi \alpha}{2} \right]^2 \right. \\ & \left. \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 304\, 128 \, a^2 \, b^4 \cos \left[ \frac{\pi \alpha}{2} \right]^2 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 387\, 072 \, a \right. \\ & \left. b^5 \cos \left[ \frac{\pi \alpha}{2} \right]^2 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 155\, 520 \, b^6 \cos \left[ \frac{\pi \alpha}{2} \right]^2 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + \\ & \left. 65\, 536 \, a^3 \, b^3 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 221\, 184 \, a^2 \, b^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ & \left. 248\, 832 \, a \, b^5 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 93\, 312 \, b^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ & \left. \sqrt{\left( -764\, 411\, 904 \, a^2 \, b^{10} \cos \left[ \frac{\pi \alpha}{2} \right]^{10} \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + } \right. \\ & \left. \sin \left[ \frac{\pi \alpha}{2} \right]^{10} \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 - 764\, 411\, 904 \, b^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^{10} \right. \\ & \left. \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 5\, 860\, 491\, 264 \, a^4 \, b^8 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + \\ & 16\, 307\, 453\, 952 \, a^3 \, b^9 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 13504\, 610\, 304 \right. \\ & \left. a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 1528\, 823\, 808 \, a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 + \\ & 18\, 1939\, 328\, a^6 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 13504\, 610\, 304 \right. \\ & \left. a^5 \, b^7 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 13504\, 610\, 304 \right. \\ & \left. a^5 \, b^7 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 1528\, 823\, 808 \, a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 + \\ & 18\, 11939\, 328\, a^6 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 - 4076\, 863\, 488 \right. \\ & \left. a^5 \, b^7 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 9003\, 073\, 536\, a^4 \, b^8 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + \\ & 29\, 302\, 456\, 320\, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 7644\, 119\, 040 \right. \\ & \left. a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 7644\, 119\, 040 \right. \\ & \left. a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^8 + 31425\, 82272 \right. \\ &$$

$$\frac{1}{2}\sqrt{\left(\frac{25}{8} - \frac{33 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 5 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{33 \text{ b}^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b}^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \left(\text{b}^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + \text{b}^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{33 \text{ b}^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b}^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \left(\text{b}^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + 56 \text{ b}^2 \cos\left[\frac{\pi\alpha}{2}\right] - \frac{\pi\alpha}{2}\right)} - \frac{1}{2} \sin^2 \frac{\pi\alpha}{2} + 2 \text{ a} \sin^2 \frac{\pi\alpha}{2} + 2 \text{ a} \sin^2 \frac{\pi\alpha}{2} + 2 \text{ a} \sin^2 \frac{\pi\alpha}{2}\right)} - \frac{1}{2} \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2}\right)} - \frac{1}{2} \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2}\right)} - \frac{1}{2} \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2}\right)} - \frac{1}{2} \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2}\right)} - \frac{1}{2} \sin^2 \frac{\pi\alpha}{2} + 2 \sin^2 \frac{\pi\alpha}{2}\right)} - \frac{1}{2} \sin^2 \frac{\pi\alpha}{2}\right)} - \frac{1}$$

$$\begin{split} & \sin \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 - \\ & 4076863488 \, a^5 \, b^7 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142582272 \\ & a^4 \, b^8 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15854469120 \, a^3 \, b^9 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \\ & \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15033434112 \, a^2 \, b^{18} \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ & 4586471424 \, a \, b^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 \right)^{1/3} \right) - \\ & \frac{1}{192 \times 2^{1/3} \, b^2} \left( -3456 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 + 82944 \, a^2 \, b^4 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \right) \\ & \sin \left[\frac{\pi \alpha}{2}\right]^2 + 138240 \, a \, b^5 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + \\ & 58752 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 73728 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \\ & \sin \left[\frac{\pi \alpha}{2}\right]^4 + 304128 \, a^2 \, b^4 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 387072 \, a \\ & b^5 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 155520 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ & 248832 \, a \, b^5 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 221184 \, a^2 \, b^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ & 248832 \, a \, b^5 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 33312 \, b^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ & \int \left( -764411904 \, a^2 \, b^{19} \, \cos \left[\frac{\pi \alpha}{2}\right]^{19} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - 764411904 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^{19} \right] \\ & \sin \left[\frac{\pi \alpha}{2}\right]^2 + 5860491264 \, a^4 \, b^8 \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ & 16307453952 \, a^3 \, b^9 \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1528823808 \, a \, b^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 + \\ & \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823808 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1811939328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 4076863488 \, a^5 \, b^7 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 + 32161923072 \, a^3 \, b^9 \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ & 29302456320 \, a^2 \, b^{16} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 764411904 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, d^6 + \\ & 29302456320 \, a^2 \, b^{16} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 764411904 \, a^4 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, d^6 + d^{11} \, d$$

$$\begin{split} & \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1811939328 \, \text{a}^6 \, \text{b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 - \\ & 4076863488 \, \text{a}^5 \, \text{b}^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3142582272 \\ & \text{a}^4 \, \text{b}^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15854469120 \, \text{a}^3 \, \text{b}^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \\ & \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15033434112 \, \text{a}^2 \, \text{b}^1 6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ & 4586471424 \, \text{a} \, \text{b}^{11} \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^8 \right) \right]^{1/3} - \\ & \left(\frac{125}{8} - \frac{-9 \, \text{b} \cos\left[\frac{\pi\alpha}{2}\right]^2 + 5 \, \text{a} \, \sin\left[\frac{\pi\alpha}{2}\right]^2 - 10 \, \text{b} \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{2 \, \text{b} \, \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 31 \, \text{b} \, \sin\left[\frac{\pi\alpha}{2}\right]^2} \right) - \\ & \frac{5 \, \left(33 \, \text{b} \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, \text{a} \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, \text{b} \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{8 \, \text{b} \, \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 31 \, \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} \right) \right/ \\ & \left(4 \, \sqrt{\left(\frac{25}{16} - \frac{33 \, \text{b} \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, \text{a} \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, \text{b} \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{16 \, \text{b} \, \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 43 \, \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \\ & \frac{33 \, \text{b}^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, \text{a} \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(\text{b}^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 43 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \\ & \frac{48 \, \left(\text{b}^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, \text{a} \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(\text{b}^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 43 \, \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \\ & \frac{33 \, \text{b}^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, \text{a} \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \\ & \frac{48 \, \left(\text{b}^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(\text{b}^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \\ & \frac{36 \, \text{b}^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 2 \, \text{a}^3 \, \text{b}^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + \text{b}^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \\ & \frac{138 \, 240 \, \text{a}^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82944 \, \text{a}^2 \, \text{b}^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & \frac{36 \, \text{b}^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 73728 \, \text{a}^3 \, \text{b}^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & \frac{36 \, \text{b}^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 13728 \, \text{a}^3 \, \text{b}^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & \frac{36 \, \text{b}^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 13728 \, \text{b}^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \\ & \frac{36$$

$$248832 \text{ a} \text{ b}^3 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 93312 \text{ b}^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ \sqrt{\left(-764411904 \text{ a}^2 \text{ b}^{18} \cos \left[\frac{\pi \alpha}{2}\right]^{18} \sin \left[\frac{\pi \alpha}{2}\right]^2 - 1528823808} \\ \text{a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{18} \sin \left[\frac{\pi \alpha}{2}\right]^2 - 764411904 \text{ b}^{12} \\ \cos \left[\frac{\pi \alpha}{2}\right]^{18} \sin \left[\frac{\pi \alpha}{2}\right]^2 + 5860491264 \text{ a}^4 \text{ b}^8 \cos \left[\frac{\pi \alpha}{2}\right]^8 + \\ 13504610304 \text{ a}^2 \text{ b}^{18} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ 1528823808 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ 1528823808 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823808 \\ \text{b}^{12} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1811939328 \text{ a}^6 \text{ b}^6 \\ \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 - 4076863488 \text{ a}^5 \text{ b}^7 \cos \left[\frac{\pi \alpha}{2}\right]^6 + \\ 32161923072 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ 29302456320 \text{ a}^2 \text{ b}^{19} \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ 7644119040 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ 15824272 \text{ a}^4 \text{ b}^8 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 3142582272 \text{ a}^4 \text{ b}^8 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 15834469120 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \text{ a} \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \sin \left[\frac{\pi \alpha}{2}\right]^3 + \\ 48 (b^2 \cos \left[\frac{\pi \alpha}{2}\right]^2 + b^2 \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 b^2 \sin \left[\frac{\pi \alpha}{2}\right]^2 + \\ 48 (b^2 \cos \left[\frac{\pi \alpha}{2}\right]^2 + b^2 \sin \left[\frac{\pi \alpha}{2}\right]^2$$

$$72 \text{ a} \text{ b}^3 \cos \left[ \pi \alpha \right] - 36 \text{ b}^4 \cos \left[ \pi \alpha \right] + 2 \text{ a}^2 \text{ b}^2 \cos \left[ 2 \pi \alpha \right] \right) / \\ \left[ 6 \cdot 2^{2/3} \text{ b}^2 \left( -3456 \text{ b}^6 \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 82944 \text{ a}^2 \text{ b}^4 \cos \left[ \frac{\pi \alpha}{2} \right]^4 \right] \\ - \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 138240 \text{ a} \text{ b}^5 \cos \left[ \frac{\pi \alpha}{2} \right]^4 \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 58752 \text{ b}^6 \\ - \cos \left[ \frac{\pi \alpha}{2} \right]^4 \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 73728 \text{ a}^3 \text{ b}^3 \cos \left[ \frac{\pi \alpha}{2} \right]^2 \sin \left[ \frac{\pi \alpha}{2} \right]^4 + \\ - 394128 \text{ a}^2 \text{ b}^4 \cos \left[ \frac{\pi \alpha}{2} \right]^2 \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 387072 \text{ a} \text{ b}^5 \\ - \cos \left[ \frac{\pi \alpha}{2} \right]^2 \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 155520 \text{ b}^6 \cos \left[ \frac{\pi \alpha}{2} \right]^2 \sin \left[ \frac{\pi \alpha}{2} \right]^4 + \\ - 65536 \text{ a}^3 \text{ b}^3 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 221184 \text{ a}^2 \text{ b}^4 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ - 248832 \text{ a} \text{ b}^5 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 93312 \text{ b}^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ - \sqrt{\left( -764411904 \text{ a}^2 \text{ b}^{10} \cos \left[ \frac{\pi \alpha}{2} \right]^{10} \sin \left[ \frac{\pi \alpha}{2} \right]^6 + } \\ - \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 5860 \text{ 491} 264 \text{ a}^4 \text{ b}^8 \cos \left[ \frac{\pi \alpha}{2} \right]^8 \sin \left[ \frac{\pi \alpha}{2} \right]^4 + \\ - 16307453952 \text{ a}^3 \text{ b}^3 \cos \left[ \frac{\pi \alpha}{2} \right]^8 \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 13504610304 \\ - \text{ a}^2 \text{ b}^{10} \cos \left[ \frac{\pi \alpha}{2} \right]^8 \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 1528823808 \text{ a} \text{ b}^{11} \cos \left[ \frac{\pi \alpha}{2} \right]^4 - \\ - 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[ \frac{\pi \alpha}{2} \right]^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 - 4076863488 \\ - \text{ a}^5 \text{ b}^7 \cos \left[ \frac{\pi \alpha}{2} \right]^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 9003073536 \text{ a}^4 \text{ b}^8 \cos \left[ \frac{\pi \alpha}{2} \right]^6 + \\ - 29302456320 \text{ a}^2 \text{ b}^{10} \cos \left[ \frac{\pi \alpha}{2} \right]^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 7644119040 \\ - \text{ a} \text{ b}^{11} \cos \left[ \frac{\pi \alpha}{2} \right]^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 - 764411904 \text{ b}^{12} \cos \left[ \frac{\pi \alpha}{2} \right]^6 + \\ - 1811939328 \text{ a}^6 \text{ b}^7 \cos \left[ \frac{\pi \alpha}{2} \right]^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^3 \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 7644119040 \\ - \text{ a} \text{ b}^{11} \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^3 \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 7644119040 \\ - \text{ a} \text{ b}^{11} \cos \left[ \frac{\pi \alpha}{2} \right]^6 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 7644119040 \\ - \text{ a} \text{ b}^{11} \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[ \frac{\pi \alpha}{2} \right]^4 \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 7644119040$$

$$\frac{1}{192 \times 2^{1/3} \, b^2} \left( -3456 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 82\, 944 \, a^2 \, b^4 \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \right) \\ \frac{1}{192 \times 2^{1/3} \, b^2} \left( -3456 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 82\, 944 \, a^2 \, b^4 \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \right) \\ -58\, 752 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 73\, 728 \, a^3 \, b^3 \, \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \\ -58\, 752 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 73\, 728 \, a^3 \, b^3 \, \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \\ -58\, 752 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 73\, 728 \, a^3 \, b^3 \, \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \\ -58\, 7672 \, a \, b^5 \, \cos \left[ \frac{\pi \alpha}{2} \right]^2 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 155\, 520 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \\ -387\, 072 \, a \, b^5 \, \cos \left[ \frac{\pi \alpha}{2} \right]^2 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 155\, 520 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \\ -38\, 248\, 832 \, a \, b^5 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 93\, 312 \, b^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ -248\, 832 \, a \, b^5 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 93\, 312 \, b^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ -764\, 411\, 904 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^{10} \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 - 1528\, 823\, 808 \, a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^{10} + \\ -16\, 307\, 453\, 952 \, a^3 \, b^3 \, \cos \left[ \frac{\pi \alpha}{2} \right]^3 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 13\, 504\, 610\, 304 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 13\, 504\, 610\, 304 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 13\, 504\, 610\, 304 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 1528\, 823\, 808 \, a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 1528\, 823\, 808 \, a^3 \, b^3 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 1528\, 823\, 808 \, a^3 \, b^3 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + 1528\, 823\, 808 \, a^3 \, b^3 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 1811\, 939\, 328\, a^6 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + 1811\, 939\, 328\, a^6 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 7644\, 11904 \, b^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 1811\, 939\, 328\, a^6 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 7644\, 11904 \, b^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 1811\, 939\, 328\, a^6 \, b^6 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 7644\, 11904 \, b^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 1811\, 939\, 32$$

$$ab^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{6} + 3\sin\left[\frac{\pi\alpha}{2}\right]^{6} - 764411994 b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^{6} \\ + 3\sin\left[\frac{\pi\alpha}{2}\right]^{6} - 1811939328 a^{6} b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} - 4076863488 a^{5} b^{7}\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 3142582272 \\ a^{4} b^{8}\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15854469129 a^{3} b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{4} + 4586471424 a b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 4586471424 a b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 4586471424 a b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 4586471424 a b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{4} + 58752 b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{4} + 38240 a b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4} + 368752 b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{4} + 368128 a^{2} b^{4}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 73728 a^{3} b^{3}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 387972 a b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 318240 a b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 155520 b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 387972 a b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 358752 b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 358752 b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 358762 a^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 358762 a^{5}\cos$$

$$a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 764411 \, 904 \, b^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \\ \sin \left[\frac{\pi \alpha}{2}\right]^6 - 1811 \, 939 \, 328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 - \\ 4076 \, 863 \, 488 \, a^5 \, b^7 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142 \, 582 \, 272 \\ a^4 \, b^8 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15 \, 854 \, 469 \, 120 \, a^3 \, b^9 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \\ \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15 \, 033 \, 434 \, 112 \, a^2 \, b^{10} \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4 \, 586 \, 471 \, 424 \, a \, b^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 \right)^{1/3} - \\ \left(\frac{125}{8} - \frac{-9 \, b \, \cos \left[\frac{\pi \alpha}{2}\right]^2 + 5 \, a \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - 10 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2}{2 \, b \, \left(\cos \left[\frac{\pi \alpha}{2}\right]^2 + \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} \right) \right/ \\ \frac{5 \, \left(33 \, b \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)}{8 \, b \, \left(\cos \left[\frac{\pi \alpha}{2}\right]^2 + \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} \right) \right/ \\ \frac{25}{8} - \frac{33 \, b \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)}{2 \, b \, \left(\cos \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \\ \frac{33 \, b^2 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)}{8 \, b \, \left(\cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \\ \frac{33 \, b^2 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)}{48 \, \left(b^2 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 + 43 \, 25 \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \\ \frac{36 \, b^4 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)}{48 \, \left(b^2 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \\ \frac{36 \, b^4 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)}{48 \, \left(b^2 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \\ \frac{36 \, b^4 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, a \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)}{48 \, \left(b^2 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, b^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \\ \frac{36 \, b^4 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 - 3 \, a^3 \, b^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^3 + 35 \, \sin \left[\frac{\pi \alpha}{2}\right]^3\right)}{48 \, \left(\frac{\pi \alpha}{2}\right)^3 \, \left(\frac{\pi \alpha}{2}\right)^3 \, \left(\frac{\pi \alpha}{2}\right)^3 \, \left(\frac{\pi \alpha$$

$$1528823808 \ ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{19} \sin \left[\frac{\pi \alpha}{2}\right]^{2} - \\ 764411904 \ b^{12} \cos \left[\frac{\pi}{2}\right]^{18} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + \\ 5860491264 \ a^{4} \ b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{18} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 16307453952 \ a^{3} \ b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 13504610304 \ a^{2} \ b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 1528823808 \ ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1528823808 \\ b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1811939328 \ a^{6} \ b^{6} \\ \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 4076863488 \ a^{5} \ b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + \\ 32161923072 \ a^{3} \ b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + \\ 29302456320 \ a^{2} \ b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + \\ 7644119040 \ ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 764411904 \\ b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} - 4076863488 \ a^{5} \ b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + \\ 5 \sin \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} - 4076863488 \ a^{5} \ b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + \\ 15834469120 \ a^{3} \ b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + \\ 15033434112 \ a^{2} \ b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + \\ 4586471424 \ a \ b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + \\ 4586471424 \ a \ b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + \\ \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 138240 \ a \ b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 304128 \ a^{2} \ b^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 387072 \ a \ b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 304128 \ a^{2} \ b^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155520 \ b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 306128 \ a^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155520 \ b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 306128 \ a^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155520 \ b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 306128 \ a^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155520 \ b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 306128 \ a^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155520 \ b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2}$$

$$65536 \, a^3 \, b^3 \, \sin \left( \frac{\pi \alpha}{2} \right)^6 + 221184 \, a^2 \, b^4 \, \sin \left( \frac{\pi \alpha}{2} \right)^6 + \\ 248832 \, a \, b^5 \, \sin \left( \frac{\pi \alpha}{2} \right)^6 + 93312 \, b^6 \, \sin \left( \frac{\pi \alpha}{2} \right)^6 + \\ \sqrt{\left( -764411904 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^{10} \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 - } \\ 1528823808 \, a \, b^{11} \, \cos \left( \frac{\pi \alpha}{2} \right)^{10} \, \sin \left( \frac{\pi \alpha}{2} \right)^2 - 764411904 \, b^{12} \\ \cos \left( \frac{\pi \alpha}{2} \right)^{10} \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 5860 \, 491264 \, a^4 \, b^8 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \\ \sin \left( \frac{\pi \alpha}{2} \right)^4 + 16307453952 \, a^3 \, b^9 \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 + \\ 13504610304 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 - \\ 1528823808 \, a \, b^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 - \\ 1528823808 \, a \, b^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 - \\ 1528923803 \, a^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 - \\ 15193823808 \, b^{12} \, \cos \left[ \frac{\pi \alpha}{2} \right]^8 \, \sin \left[ \frac{\pi \alpha}{2} \right]^4 - \\ 151933431 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + 9003073536 \, a^4 \, b^8 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ 29302456320 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ 29302456320 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 + \\ 7644119040 \, a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 \, \sin \left[ \frac{\pi \alpha}{2} \right]^6 - 764411904 \, b^{12} \\ \cos \left[ \frac{\pi \alpha}{2} \right]^8 - 4076863488 \, a^5 \, b^7 \, \cos \left[ \frac{\pi \alpha}{2} \right]^6 + \\ 3142582272 \, a^4 \, b^8 \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^8 + \\ 15834469120 \, a^3 \, b^9 \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^8 + \\ 15933434112 \, a^2 \, b^{10} \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^8 + 4586471424 \\ a \, b^{11} \, \cos \left[ \frac{\pi \alpha}{2} \right]^4 \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 + 3 \, b \, \sin \left[ \frac{\pi \alpha}{2} \right] + \\ 16 \, b \, \left( \cos \left[ \frac{\pi \alpha}{2} \right]^2 + 3 \, b \, \sin \left[ \frac{\pi \alpha}{2} \right]^2 \right) + \\ 16 \, b \, \left( \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \sin \left[ \frac{\pi \alpha}{2} \right]^2 \right) + \\ 16 \, b \, \left( \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \sin \left[ \frac{\pi \alpha}{2} \right]^2 \right) + \\ 16 \, b \, \left( \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \sin \left[ \frac{\pi \alpha}{2} \right]^2 \right) + \\ \frac{\pi \alpha}{16} \, b \, \left( \cos \left[ \frac{\pi \alpha}{2} \right]^2 + \sin \left[ \frac{\pi \alpha}{2} \right]^2 \right) + \\ \frac{\pi \alpha}{16} \, b \, \left( \cos \left[ \frac{\pi \alpha}{2} \right]^3 + \sin \left[ \frac{\pi \alpha}{2} \right]^2 \right) + \\ \frac{\pi \alpha}{16} \, b \, \left( \cos \left[ \frac{\pi \alpha$$

$$\begin{array}{l} 33\,b^2\,\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \\ + 48\,\left(b^2\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2\right) \\ + 48\,\left(b^2\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2\right) \\ + 26\,b^3\,\cos\left[\pi\alpha\right] - 36\,b^4\,\cos\left[\pi\alpha\right] + 2\,a^2\,b^2\,\cos\left[2\,\pi\alpha\right]\right) \\ - 72\,a\,b^3\,\cos\left[\pi\alpha\right] - 36\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + \\ + 138\,240\,a\,b^5\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4 \\ - 304\,128\,a^2\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\,a\,b^5 \\ - \cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ - 65\,536\,a^3\,b^3\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ - 248\,832\,a\,b^5\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ - 1528\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{16}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\,b^{12} \\ - \cos\left[\frac{\pi\alpha}{2}\right]^{16}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5860\,491\,264\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^8 + \\ - 13\,504\,610\,304\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528\,823\,808 \\ - b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1811\,939\,328\,a^6\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + \\ - 9\,003\,073\,536\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 4076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072 \\ - 36\,6\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,11\,904\,a\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6 \\ - 56\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,11\,904\,a\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6 \\ - 56\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,11\,904\,a\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6 \\ - 764\,411\,904\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 4\,976\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6 \\ - 764\,411\,904\,b^{1$$

$$b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} - 4076 863 488 a^{5} b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{4}$$

$$\sin \left[\frac{\pi \alpha}{2}\right]^{8} + 3142 582 272 a^{4} b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15854469 120 a^{3} b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15834469 120 a^{3} b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471 424 a b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471 424 a b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471 424 a b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 33 b \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471 424 a b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 33 b \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471 424 a b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 33 b \sin \left[\frac{\pi \alpha}{2}\right]^{2} - 16b \left(\cos \left[\frac{\pi \alpha}{2}\right]^{2} + 58751 \left[\frac{\pi \alpha}{2}\right]^{2} - 4 a b \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 58751 \left[\frac{\pi \alpha}{2}\right]^{2} - 48 \left(b^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 58752 b^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 48 \left(b^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 58752 b^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 138240 a^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 2a^{2} b^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 387072 a^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 138240 a^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 58752 b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 387072 a^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 387072 a^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155520 b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 65536 a^{3} b^{3} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 155550 b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 48832 a^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 248832 a^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 25184 a^{2} b^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 248832 a^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 221184 a^{2} b^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 248832 a^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 258823808 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{18} \sin \left[\frac{\pi \alpha}{2}\right]^{2} - 764411904 a^{2} b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{18} \sin \left[\frac{\pi \alpha}{2}\right]^{2} - 1528823808 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808$$

$$b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1811939328 \, a^6 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \\ \sin \left[\frac{\pi \alpha}{2}\right]^6 - 4076863488 \, a^5 \, b^7 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ 90030735366 \, a^4 \, b^8 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 32161923072 \\ a^3 \, b^9 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 29302456320 \, a^2 \, b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^6 \\ \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - \\ 764411904 \, b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \, a^6 \\ b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 - 4076863488 \, a^5 \, b^7 \cos \left[\frac{\pi \alpha}{2}\right]^4 \\ \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142582272 \, a^4 \, b^8 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 15854469120 \, a^3 \, b^9 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 4586471424 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ \sin \left[\frac{\pi \alpha}{2}\right]^2 + 138240 \, a \, b^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + \\ 58752 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 73728 \, a^3 \, b^3 \cos \left[\frac{\pi \alpha}{2}\right]^4 + \\ 387072 \, a \, b^5 \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 155520 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^2 + \\ 248832 \, a \, b^5 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 93312 \, b^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 221184 \, a^2 \, b^4 \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ 248832 \, a \, b^5 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 3312 \, b^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ 1528823808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - \\ 1528823808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 5860491264 \, a^4 \, b^8 \\ \cos \left[\frac{\pi \alpha}{2}\right]^8 + 13504610304 \, a^2 \, b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 13504610304 \, a^2 \, b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 +$$

$$304128 \, a^2 \, b^4 \cos \left(\frac{\pi \, \alpha}{2}\right)^2 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 + 155520 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^2 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 + 165536 \, a^3 \, b^3 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 221184 \, a^2 \, b^4 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 2248832 \, a \, b^5 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 93312 \, b^6 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + \sqrt{\left(-764411904 \, a^2 \, b^{10} \cos \left(\frac{\pi \, \alpha}{2}\right)^{10} \sin \left(\frac{\pi \, \alpha}{2}\right)^2 - 1528823808} \, a \, b^{11} \cos \left(\frac{\pi \, \alpha}{2}\right)^{10} \sin \left(\frac{\pi \, \alpha}{2}\right)^2 - 764411904 \, b^{12} \cos \left(\frac{\pi \, \alpha}{2}\right)^{10} \sin \left(\frac{\pi \, \alpha}{2}\right)^2 - 764411904 \, b^{12} \cos \left(\frac{\pi \, \alpha}{2}\right)^{10} \sin \left(\frac{\pi \, \alpha}{2}\right)^2 + 5860491264 \, a^4 \, b^8 \cos \left(\frac{\pi \, \alpha}{2}\right)^8 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 + 13504610304 \, a^2 \, b^{10} \cos \left(\frac{\pi \, \alpha}{2}\right)^8 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 + 1528823808 \, a \, b^{11} \cos \left(\frac{\pi \, \alpha}{2}\right)^8 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 + 1528823808 \, a \, b^{11} \cos \left(\frac{\pi \, \alpha}{2}\right)^8 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 - 1528823808 \, b^{12} \cos \left(\frac{\pi \, \alpha}{2}\right)^8 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 - 1528823808 \, b^{12} \cos \left(\frac{\pi \, \alpha}{2}\right)^8 \sin \left(\frac{\pi \, \alpha}{2}\right)^4 - 1811939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 29302456320 \, a^2 \, b^{10} \cos \left(\frac{\pi \, \alpha}{2}\right)^6 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 29302456320 \, a^2 \, b^{10} \cos \left(\frac{\pi \, \alpha}{2}\right)^6 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 29302456320 \, a^2 \, b^{10} \cos \left(\frac{\pi \, \alpha}{2}\right)^6 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 29302456320 \, a^2 \, b^{10} \cos \left(\frac{\pi \, \alpha}{2}\right)^6 \sin \left(\frac{\pi \, \alpha}{2}\right)^6 + 3119939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 31129393328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3112939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 312939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 312939328 \, a^6 \, b^6 \cos \left(\frac{\pi \, \alpha}{2}\right)^6 + 3129$$

$$\begin{split} & \sin \left[\frac{\pi \alpha}{2}\right]^2 + 138 \, 240 \, \text{a} \, \text{b}^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 58752 \, \text{b}^6 \\ & \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 73728 \, \text{a}^3 \, \text{b}^3 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ & 304128 \, \text{a}^2 \, \text{b}^4 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 387072 \, \text{a} \, \text{b}^5 \\ & \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 155520 \, \text{b}^6 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ & 65536 \, \text{a}^3 \, \text{b}^3 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 221184 \, \text{a}^2 \, \text{b}^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ & 248 \, 832 \, \text{a} \, \text{b}^5 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 93 \, 312 \, \text{b}^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + \\ & \sqrt{\left(-764411904 \, \text{a}^2 \, \text{b}^{10} \, \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - 764411904 \, \text{b}^{12}} \\ & \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 5860 \, 491264 \, \text{a}^4 \, \text{b}^8 \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \\ & \sin \left[\frac{\pi \alpha}{2}\right]^4 + 16307 \, 453952 \, \text{a}^3 \, \text{b}^9 \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + \\ & 13504 \, 610 \, 304 \, \text{a}^2 \, \text{b}^{10} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{11} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a} \, \text{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - \\ & 1528 \, 823 \, 808 \, \text{a}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right$$

$$\begin{split} & \sin\left[4 \operatorname{ArcCos}\left[-\sqrt{\left(\frac{5}{8} - \frac{1}{2}\sqrt{\left(\frac{25}{16} - \frac{33 \operatorname{b} \operatorname{cos}\left[\frac{\pi \sigma}{2}\right]^2 - 4 \operatorname{a} \operatorname{sin}\left[\frac{\pi \sigma}{2}\right]^2 + 33 \operatorname{b} \operatorname{sin}\left[\frac{\pi \sigma}{2}\right]^2}\right)} + \\ & \frac{33 \operatorname{b}^2 \operatorname{cos}\left[\frac{\pi \sigma}{2}\right]^2 - 4 \operatorname{a} \operatorname{b} \operatorname{sin}\left[\frac{\pi \sigma}{2}\right]^2 + 33 \operatorname{b}^2 \operatorname{sin}\left[\frac{\pi \sigma}{2}\right]^2}{48 \left(\operatorname{b}^2 \operatorname{cos}\left[\frac{\pi \sigma}{2}\right]^2 + \operatorname{b}^2 \operatorname{sin}\left[\frac{\pi \sigma}{2}\right]^2\right)} + \\ & 48 \left(\operatorname{b}^2 \operatorname{cos}\left[\frac{\pi \sigma}{2}\right]^2 + \operatorname{b}^2 \operatorname{sin}\left[\frac{\pi \sigma}{2}\right]^2\right) + \\ & (30 \operatorname{a}^2 \operatorname{b}^2 + 72 \operatorname{a} \operatorname{b}^3 + 45 \operatorname{b}^4 - 32 \operatorname{a}^2 \operatorname{b}^2 \operatorname{cos}\left[\pi \alpha\right] - \\ & 72 \operatorname{a} \operatorname{b}^3 \operatorname{cos}\left[\pi \alpha\right] - 36 \operatorname{b}^4 \operatorname{cos}\left[\pi \alpha\right] + 2 \operatorname{a}^2 \operatorname{b}^2 \operatorname{cos}\left[2 \pi \alpha\right]\right) / \\ & \left(6 \times 2^{2/3} \operatorname{b}^2 \left(-3456 \operatorname{b}^6 \operatorname{cos}\left[\frac{\pi \sigma}{2}\right]^4 + 32 \operatorname{a}^2 \operatorname{b}^2 \operatorname{cos}\left[2 \pi \alpha\right]\right) / \\ & \left(6 \times 2^{2/3} \operatorname{b}^2 \left(-3456 \operatorname{b}^6 \operatorname{cos}\left[\frac{\pi \sigma}{2}\right]^4 + 32 \operatorname{b}^2 \operatorname{cos}\left[\frac{\pi \sigma}{2}\right]^4 + \operatorname{sin}\left[\frac{\pi \sigma}{2}\right]^4 + \operatorname{s$$

$$764\,411\,904\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6$$
 
$$b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^4$$
 
$$\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,834\,43112\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + 45\,86\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + 45\,86\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^3 + 192\,\times\,2^{1/3}\,b^2 \left( -3\,456\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + 58752\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 58752\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + 394\,128\,a^2\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 155520\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 248\,832\,a\,b^5\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 248\,832\,a\,b^5\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 1528\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - 1528\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5860\,491\,264\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 13504\,610\,304\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 13504\,610\,304\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1528\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528\,823\,808\,a\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528\,823\,808\,a\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528\,823\,808\,a\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528\,823\,808\,a\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1528\,823\,808\,a\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 131939\,328\,a^6\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^6 - 4076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 1076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 1076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 1076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 1076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 1076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 1076\,863\,488\,a^$$

$$9003\,073\,536\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ 32\,161\,923\,072\,a^3\,b^9\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ 29\,302\,456\,320\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ 76\,44\,119\,040\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 - \\ 76\,44\,119\,040\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1811\,939\,328\,a^6 \\ b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^4 \\ \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ 15\,834\,469\,120\,a^3\,b^9\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ 45\,86\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ 45\,86\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ 45\,86\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - \\ 48\,\left(b^2\,\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - \\ 48\,\left(b^2\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \right) - \\ (30\,a^2\,b^2 + 72\,a\,b^3 + 45\,b^4 - 32\,a^2\,b^2\,\cos\left[\pi\alpha\right] - \\ 72\,a\,b^3\,\cos\left[\pi\alpha\right] - 36\,b^4\,\cos\left[\pi\alpha\right] + 2\,a^2\,b^2\,\cos\left[2\,\pi\alpha\right] \right) \Big/ \\ \left(6 + 2^{2/3}\,b^2\left(-3456\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + \\ 304\,128\,a^2\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + \\ 304\,128\,a^2\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 357\,072\,a\,b^5 \\ \cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ 65\,536\,a^3\,b^3\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ 248\,832\,a\,b^5\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ \sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^{16}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - } \right.$$

$$1528823808 \text{ a} b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{36} \sin \left[\frac{\pi \alpha}{2}\right]^{2} = \\ 764411904 \text{ b}^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{36} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 5860491264 \text{ a}^{4} \text{ b}^{8} \\ \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 16307453952 \text{ a}^{3} \text{ b}^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{8} + 1528823808 \text{ a} b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808 \text{ a} b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808 \text{ a} b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1528823808 \text{ b}^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1528823808 \text{ b}^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 15181939328 \text{ a}^{6} \text{ b}^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 9003073536 \text{ a}^{4} \text{ b}^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 29302456320 \text{ a}^{2} \text{ b}^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 9003073536 \text{ a}^{4} \text{ b}^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 29302456320 \text{ a}^{2} \text{ b}^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 32161923072 \text{ a}^{3} \text{ b}^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 7644119040 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 7644119040 \text{ b}^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 1811193932828 \text{ a}^{6} \text{ b}^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4076863488 \text{ a}^{5} \text{ b}^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 15854469120 \text{ a}^{3} \text{ b}^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15854469120 \text{ a}^{3} \text{ b}^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 158520 \text{ b}^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 384128 \text{ a}^{2} \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 384128 \text{ a}^{2} \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 384128 \text{ a}^{2} \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 155520 \text{ b}^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 65536 \text{ a}^{3} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 221184 \text{ a}^{2} \text{ b}^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 248832 \text{ a}^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 3312 \text{ b}^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 33$$

$$\sqrt{\left(-764411904 \ a^2 \ b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \sin \left[\frac{\pi \alpha}{2}\right]^2 - 1528823808 \ a^{b^{11}} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \sin \left[\frac{\pi \alpha}{2}\right]^2 - 1528823808 \ a^{b^{11}} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \sin \left[\frac{\pi \alpha}{2}\right]^2 + 15860491264 \ a^4 \ b^8 \cos \left[\frac{\pi \alpha}{2}\right]^{10} \sin \left[\frac{\pi \alpha}{2}\right]^4 + 16307453952 \ a^3 \ b^9 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 13504610304 \ a^2 \ b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1528823808 \ a^{b^{12}} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823808 \ a^{b^{12}} \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1811939328 \ a^6 \ b^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 - 4076863488 \ a^5 \ b^7 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 1903073536 \ a^4 \ b^8 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 1903046320 \ a^2 \ b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 1911939328 \ a^6 + 191193$$

$$\left(4\sqrt{\left(\frac{25}{16} - \frac{33 \, b \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{16 \, b \, \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, b \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, b \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right] - 4}{48 \, \left(b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^3 + 58 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^4\right)} + \frac{36 \, a^2 \, b^2 + 72 \, a \, b^3 + 45 \, b^4 - 32 \, a^2 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 + 23 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 138 \, 240 \, a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, s \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 58752 \, b^6} + \frac{364 \, 128 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 37728 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 58752 \, b^6} + \frac{364 \, 128 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 138 \, 240 \, a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 + 387072 \, a \, b^5} + \frac{364 \, 128 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 1387072 \, a^2 \, b^2} + \frac{364 \, 128 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 1387072 \, a^2 \, b^2} + \frac{364 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 1387072 \, a^2 \, b^2} + \frac{366 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155520 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + \frac{366 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 221184 \, a^2 \, b^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \frac{366 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 224832 \, a \, b^5 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 221184 \, a^2 \, b^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \frac{366 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 3128823808 \, a^{11} \, \cos\left[\frac{\pi\alpha}{2}\right]^{10} \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \frac{366 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 312044 \, a^2 \, b^{10} \, \cos\left[\frac{\pi\alpha}{2}\right]^{10} \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{366 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 312044 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{366 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 312044 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{366 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{366 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{366 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^8 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \frac{366 \, a^3 \, b^3 \, \cos\left[\frac{$$

$$a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 764411904 \, b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^6 \\ \sin \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \, a^6 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 - 4076 \, 863 \, 488 \, a^5 \, b^7 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142582272 \, a^4 \\ b^8 \, \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15854469120 \, a^3 \, b^9 \cos \left[\frac{\pi \alpha}{2}\right]^4 \\ \sin \left[\frac{\pi \alpha}{2}\right]^8 + 156933434112 \, a^2 \, b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 4586471424 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 \right)^{1/3} \right) + \\ \frac{1}{192 \times 2^{1/3} \, b^2} \left( -3456 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 + 82944 \, a^2 \, b^4 \cos \left[\frac{\pi \alpha}{2}\right]^4 \right) \\ \sin \left[\frac{\pi \alpha}{2}\right]^2 + 138240 \, a \, b^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 58752 \, b^6 \right] \\ \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 73728 \, a^3 \, b^3 \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 387072 \, a \, b^5 \right] \\ \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 155520 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^2 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 65536 \, a^3 \, b^3 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 221184 \, a^2 \, b^4 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 248832 \, a \, b^5 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 221184 \, a^2 \, b^4 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 248832 \, a \, b^5 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 221184 \, a^2 \, b^4 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 248832 \, a^5 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 2538823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528823 \, 808 \, a \, b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1811939328 \, a^6 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 903073336 \, a^4 \, b^8 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 32161923072 \, a^3 \, b^9 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{$$

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