(*τ*(Γ₁) value*)

$$\left[\frac{1}{a} \left[2^{\alpha} \operatorname{ArcCos} \left[\sqrt{\left(\frac{5}{8} + \frac{1}{2} \sqrt{\left(\frac{25}{16} - \frac{33 \operatorname{b} \operatorname{cos} \left[\frac{\pi^2}{2} \right]^2 - 4 \operatorname{a} \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 + \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2} \right] \right. }{ 16 \operatorname{b} \left(\operatorname{cos} \left[\frac{\pi^2}{2} \right]^2 + \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 \right) } + \left(30 \operatorname{a}^2 \operatorname{b}^2 + 72 \operatorname{a} \operatorname{b}^3 + 45 \operatorname{b}^4 - \frac{33 \operatorname{b}^2 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^2 + 25 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2} \right) } + \left(30 \operatorname{a}^2 \operatorname{b}^2 + 72 \operatorname{a} \operatorname{b}^3 + 45 \operatorname{b}^4 - \frac{32 \operatorname{a}^2}{2} \operatorname{b}^2 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^2 + 25 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 \right) } + \left(30 \operatorname{a}^2 \operatorname{b}^2 + 72 \operatorname{a} \operatorname{b}^3 + 45 \operatorname{b}^4 - \frac{32 \operatorname{a}^2}{2} \operatorname{b}^2 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^2 + 25 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 \right) } \right)$$

$$\left(6 \times 2^{2/3} \operatorname{b}^2 \left(- 3456 \operatorname{b}^6 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 + 26 \operatorname{a}^2 \operatorname{b}^4 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 + 26 \operatorname{a}^2 \operatorname{b}^4 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 + 26 \operatorname{a}^2 \operatorname{b}^4 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \right] \right) \right)$$

$$\left(6 \times 2^{2/3} \operatorname{b}^2 \left(- 3456 \operatorname{b}^6 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 + 26 \operatorname{a}^2 \operatorname{b}^4 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 + 26 \operatorname{a}^2 \operatorname{b}^4 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \right) \right] \right)$$

$$\left(6 \times 2^{2/3} \operatorname{b}^2 \left(- 3456 \operatorname{b}^6 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 + 26 \operatorname{a}^2 \operatorname{b}^4 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 + 26 \operatorname{a}^2 \operatorname{b}^4 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \right) \right] \right)$$

$$\left(6 \times 2^{2/3} \operatorname{b}^2 \left(- 3456 \operatorname{b}^6 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 + 26 \operatorname{a}^2 \operatorname{b}^2 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 \right) \right)$$

$$\left(138 \operatorname{a}^2 \operatorname{a}^2 \operatorname{b}^2 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 + 36 \operatorname{a}^2 \operatorname{a}^2 \operatorname{b}^2 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^2 \right) \right)$$

$$\left(138 \operatorname{a}^2 \operatorname{a}^2 \operatorname{b}^2 \operatorname{cos} \left[\frac{\pi^2}{2} \right]^4 \operatorname{sin} \left[\frac{\pi^2}{2} \right]^4 \operatorname{a}^4 \operatorname$$

$$a^{3}b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}+15033434112\,a^{2}\,b^{18}\cos\left[\frac{\pi\alpha}{2}\right]^{4}$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^{8}+4586471424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}\right)^{1/3}\right)+$$

$$\frac{1}{192\cdot 2^{1/3}b^{2}}\left(-3456\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{6}+82\,944\,a^{2}\,b^{4}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+$$

$$138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+58752\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+$$

$$73\,728\,a^{3}\,b^{3}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+304\,128\,a^{2}\,b^{4}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+$$

$$387\,072\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+155\,520\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+$$

$$65\,536\,a^{3}\,b^{3}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+221\,184\,a^{2}\,b^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+248\,832\,a\,b^{5}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+$$

$$93\,312\,b^{6}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+\sqrt{\left(-764\,411\,904\,a^{2}\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}}\sin\left[\frac{\pi\alpha}{2}\right]^{2}-$$

$$15\,28\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{12}+5\,860\,491\,264\,a^{4}\,b^{8}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+$$

$$16\,307\,453\,952\,a^{3}\,b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+13\,504\,610\,304\,a^{2}\,b^{10}$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+15\,28\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}-$$

$$15\,28\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+13\,504\,610\,304\,a^{2}\,b^{10}$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+15\,28\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+$$

$$15\,36\,6\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+13\,28\,23\,308\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+$$

$$15\,28\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^{4}+15\,28\,823\,308\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{8}+903\,37\,3536\,a^{4}$$

$$b^{8}\cos\left[\frac{\pi\alpha}{2}\right]^{6}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+32\,161\,923\,972\,a^{3}\,b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{6}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+$$

$$29\,302\,456\,320\,a^{2}\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{6}+32\,161\,923\,972\,a^{3}\,b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{6}+903\,37\,3536\,a^{4}$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[\frac{\pi\alpha}{2}\right]^{6}+316\,\left[$$

$$\frac{33}{2} \frac{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{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[\frac{\pi \alpha}{2}\right]^4 + 2 a^2 b^2 \cos \left[2 \pi \alpha\right]\right) / \left(6 \times 2^{2/3} b^2 \left(-3456 b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 82944 a^2 b^4 \cos \left[\frac{\pi \alpha}{2}\right]^4 \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 + 37728 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 + 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 + 221184 a^2 b^4 \sin \left[\frac{\pi \alpha}{2}\right]^6 + \sqrt{\left(-764411904 a^2 b^{18}\right)} \cos \left[\frac{\pi \alpha}{2}\right]^8 \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]^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^3 b^{11} \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 b^{12} \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^5 b^7 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1320823808 a^5 b^7 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1320823808 a^5 b^7 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1320823808 a^5 b^7 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1320823808 a^5 b^7 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1320823808 a^5 b^7 \cos \left[\frac{\pi \alpha}{2}\right]^8 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 1311939328 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 + 7644119040 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 a^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040 a^{11} \cos \left$$

$$\begin{split} \frac{1}{192 \times 2^{1/3}} \frac{1}{b^2} \left(-3456 \, b^6 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 + 82\, 944 \, a^2 \, b^4 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^4 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^2 + \\ 138\, 240 \, a \, b^5 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^4 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^2 + 58\, 752\, b^6 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^4 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^2 + \\ 73\, 728\, a^3 \, b^3 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^2 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 + 304\, 128\, a^2 \, b^4 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^2 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 + \\ 387\, 072\, a \, b^5 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^2 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 + 1555\, 520\, b^6 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^2 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 + \\ 65\, 536\, a^3 \, b^3 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 221\, 184\, a^2 \, b^4 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 248\, 832\, a \, b^5 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + \\ 93\, 312\, b^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + \sqrt{\left(-764\, 411\, 904\, a^2\, b^{10}\, \text{Cos} \Big[\frac{\pi}{2} \Big]^{10}\, \text{Sin} \Big[\frac{\pi}{2} \Big]^2 - 764\, 411\, 904\, b^{12}} \\ \text{Cos} \Big[\frac{\pi}{2} \Big]^{10}\, \text{Sin} \Big[\frac{\pi}{2} \Big]^2 + 5860\, 491\, 264\, a^4\, b^8 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^8 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 + \\ 16\, 307\, 453\, 952\, a^3\, b^9 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^8 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 + 13\, 504\, 610\, 304\, a^2\, b^{10} \\ \text{Cos} \Big[\frac{\pi}{2} \Big]^8 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 + 1528\, 823\, 808\, a\, b^{11} \, \text{Cos} \Big[\frac{\pi}{2} \Big]^8 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^4 - 1811\, 939\, 328\, a^6\, b^6 \\ \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 29\, 302\, 456\, 320\, a^2\, b^{10} \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + \\ 9\, 903\, 973\, 536\, a^4\, b^8 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 32\, 161\, 923\, 972\, a^3\, b^9 \\ \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 29\, 302\, 456\, 320\, a^2\, b^{10} \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + \\ 7\, 644\, 119\, 940\, a\, b^{11} \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 3111939\, 328\, a^6\, b^6 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 31119393\, 328\, a^6\, b^6 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 31119393\, 328\, a^6\, b^6 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 + 311193939328\, a^6\, b^6 \, \text{Cos} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6 \, \text{Sin} \Big[\frac{\pi}{2} \Big]^6$$

$$\left(4\sqrt{\left(\frac{25}{16} - \frac{33 \, b \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{16 \, b \, \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 53 \, b\left[\frac{\pi\alpha}{2}\right]^2\right)}} \right.$$

$$\frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \, \left(b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \, a \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^2} + \frac{33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 + 33 \, b^2 \, \cos\left[\frac{\pi\alpha}{2}\right] - 72 \, a \, b^3 \, \cos\left[\pi\alpha\right] - \frac{36 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right] + 2 \, a^2 \, b^2 \, \cos\left[2\pi\alpha\right] \right) / \left(6 \times 2^{2/3} \, b^2\right)$$

$$\left(-3456 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82 \, 944 \, a^2 \, b^4 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 138 \, 240 \right)$$

$$a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + 58 \, 752 \, b^6 \, \cos\left[\frac{\pi\alpha}{2}\right]^4 \, \sin\left[\frac{\pi\alpha}{2}\right]^2 + \frac{33 \, a^2 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 387 \, 072 \, a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155 \, 520 \, b^6$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^4 + 387 \, 072 \, a \, b^5 \, \cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155 \, 520 \, b^6$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^2 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 65 \, 536 \, a^3 \, b^3 \, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155 \, 520 \, b^6$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^6 + 248 \, 832 \, a \, b^5 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 93 \, 312 \, b^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + \frac{33 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 + 221 \, 184 \, a^2 \, b^4$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^6 + 248 \, 832 \, a \, b^5 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 93 \, 312 \, b^6 \, \sin\left[\frac{\pi\alpha}{2}\right]^6 + \frac{33 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}{2}\right]^6 + 33 \, a^3 \, b^3 \, \cos\left[\frac{\pi\alpha}$$

$$4076863488 \, a^5 \, b^7 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^8 \, + 3142582272$$

$$a^4 \, b^8 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^8 \, + 15854469120 \, a^3 \, b^9 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, + 15854469120 \, a^3 \, b^9 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, + 15854469120 \, a^3 \, b^9 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, + 15854469120 \, a^3 \, b^9 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, + 1585441242 \, a^3 \, b^4 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 \, + 191422 \, a^3 \, b^3 \, + 1914224 \, a^3 \, b^4 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, + 191428 \, a^3 \, b^3 \, + 191428 \, a^3$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 7644119040 \text{ a} b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 7644119040 \text{ b}^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 1811939328 \text{ a}^{6} \text{ b}^{6}$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} - 4076863488 \text{ a}^{5} \text{ b}^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 13824272 \text{ a}^{4} \text{ b}^{8} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15854469120$$

$$a^{3} b^{9} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15933434112 \text{ a}^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 138240 \text{ a} b^{5} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 138240 \text{ a} b^{5} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 138240 \text{ a} b^{5} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 138240 \text{ a} b^{5} \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 394128 \text{ a}^{2} b^{4} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 138240 \text{ a} b^{5} \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 304128 \text{ a}^{2} b^{4} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 155520 \text{ b}^{6} \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} + 65536 \text{ a}^{3} b^{3} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 221184 \text{ a}^{2} b^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 248832 \text{ a} b^{5} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 93312 \text{ b}^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 5860491264 \text{ a}^{4} b^{8} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 16307453952 \text{ a}^{3} b^{9} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 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^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 1528823808 \text{ a} b^{11} \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^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\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]^{8} + 13504610304 \text{ a}^{2} b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 1528823808 \text{ a} b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 13504610304 \text{ a}^{2} b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 4076863488 \text{ a}^{5} b^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[$$

$$40768634888 \, 5^{\, b} \, Cos \Big[\frac{\pi \alpha}{2}\Big]^4 \, sin \Big[\frac{\pi \alpha}{2}\Big]^8 \, + \, 3142582272 \, a^4$$

$$b^8 \, cos \Big[\frac{\pi \alpha}{2}\Big]^4 \, sin \Big[\frac{\pi \alpha}{2}\Big]^8 \, + \, 15854469120 \, a^3 \, b^9 \, cos \Big[\frac{\pi \alpha}{2}\Big]^4$$

$$sin \Big[\frac{\pi \alpha}{2}\Big]^8 \, + \, 15033434112 \, a^3 \, b^{10} \, cos \Big[\frac{\pi \alpha}{2}\Big]^4 \, sin \Big[\frac{\pi \alpha}{2}\Big]^8 \, + \, 4586471424 \, a \, b^{11} \, cos \Big[\frac{\pi \alpha}{2}\Big]^4 \, sin \Big[\frac{\pi \alpha}{2}\Big]^8 \,) \, \frac{1}{3} \, a^3 \, b \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, - \, 4a \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, 33b \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, - \, \frac{33b^2 \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, - \, 4a \, b \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, 33b^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, - \, \frac{33b^2 \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, - \, 4a \, b \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, 33b^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, - \, \frac{33b^2 \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, 34b^4 \, - \, 32a^2b^2 \, cos \, [\pi \alpha] \, - \, \frac{\pi \alpha}{2} \, \frac{1}{2} \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, - \, \frac{36b^2 \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, 35b^4 \, - \, 32a^2b^2 \, cos \, [\pi \alpha] \, - \, \frac{\pi \alpha}{2} \, \frac{1}{2} \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{138240a}{2}ab^5 \, cos \Big[\frac{\pi \alpha}{2}\Big]^4 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{138240a}{2}ab^5 \, cos \Big[\frac{\pi \alpha}{2}\Big]^4 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{138240a}{2}ab^5 \, cos \Big[\frac{\pi \alpha}{2}\Big]^4 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{138240a}{2}ab^5 \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{138240a}{2}ab^5 \, sos \Big[\frac{\pi \alpha}{2}\Big]^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{138240a}{2}ab^5 \, sos \Big[\frac{\pi \alpha}{2}\Big]^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{138240a}{2}ab^5 \, sos \Big[\frac{\pi \alpha}{2}\Big]^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{155520}{2}b^6 \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{155520}{2}b^6 \, cos \Big[\frac{\pi \alpha}{2}\Big]^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{155520}{2}b^6 \, sos \Big[\frac{\pi \alpha}{2}\Big]^2 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{155520}{2}b^6 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{153823808}{2}ab^5 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \, + \, \frac{1528823808}{2}ab^5 \, sin \Big[\frac{\pi \alpha}{2}\Big]^2 \,$$

$$32 161 923 072 \ a^3 \ b^9 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 29 302 456 320 \ a^2 \ b^{10}$$

$$\cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 7644 119 040 \ a \ b^{11} \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 - 7644 119 040 \ a \ b^{11} \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 - 7644 119 040 \ a \ b^{11} \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 - 7644 119 040 \ a \ b^{11} \ \cos\left[\frac{\pi \alpha}{2}\right]^4 \ \sin\left[\frac{\pi \alpha}{2}\right]^8 - 4076 863 488 \ a^5 \ b^7 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 \ \sin\left[\frac{\pi \alpha}{2}\right]^8 + 3142 582 272 \ a^4 \ b^8 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 \ \sin\left[\frac{\pi \alpha}{2}\right]^8 + 15 854 469 120$$

$$a^3 \ b^9 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 \ \sin\left[\frac{\pi \alpha}{2}\right]^8 + 15 8033 434 112 \ a^2 \ b^{10} \ \cos\left[\frac{\pi \alpha}{2}\right]^4 \ \sin\left[\frac{\pi \alpha}{2}\right]^4 + 356 66 \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 + 1382 240 \ a^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 + 1382 240 \ a^5 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 \ \sin\left[\frac{\pi \alpha}{2}\right]^2 + 304 128 \ a^2 \ b^4 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 \ 387 072 \ a^5 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 + 304 128 \ a^2 \ b^4 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 + 3072 \ a^5 \ \cos\left[\frac{\pi \alpha}{2}\right]^4 + 304 128 \ a^2 \ b^4 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 + 221 184 \ a^2 \ b^4 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 248 832 \ a^5 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 23 312 \ b^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 23 312 \ b^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^8 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^8 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^8 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^8 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^8 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^8 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^8 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right]^6 \ \sin\left[\frac{\pi \alpha}{2}\right]^6 + 33 b^6 \ \cos\left[\frac{\pi \alpha}{2}\right$$

$$764411904 b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} - 1811939 328 a^{6} b^{6}$$

$$\cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} - 4076 863488 a^{5} b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} +$$

$$3142582272 a^{4} b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15834469 120$$

$$a^{3} b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 1583434112 a^{2} b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{4}$$

$$\sin \left[\frac{\pi \alpha}{2}\right]^{8} + 4586471424 a b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} \right)^{1/3} +$$

$$\left(\frac{125}{8} - \frac{-9 b \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 5 a \sin \left[\frac{\pi \alpha}{2}\right]^{2} - 10 b \sin \left[\frac{\pi \alpha}{2}\right]^{2} - \frac{1}{2} b \left(\cos \left[\frac{\pi \alpha}{2}\right]^{2} + \sin \left[\frac{\pi \alpha}{2}\right]^{2} \right) \right) \right/$$

$$8 b \left(\cos \left[\frac{\pi \alpha}{2}\right]^{2} + 3 a \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 33 b \sin \left[\frac{\pi \alpha}{2}\right]^{2} \right)$$

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

$$48 \left(b^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + b^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \right)$$

$$48 \left(b^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + b^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \right)$$

$$48 \left(b^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + b^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \right)$$

$$49 \cos^{2} b^{2} + 72 a b^{3} + 45 b^{4} - 32 a^{2} b^{2} \cos \left[\pi \alpha\right] - 72 a b^{3} \cos \left[\pi \alpha\right] - 36 b^{4} \cos \left[\pi \alpha\right] + 2 a^{2} b^{2} \cos \left[2 \pi \alpha\right] \right) / \left(6 \times 2^{2/3} b^{2} \right)$$

$$- 36 b^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 3 a \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 58752 b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 138240 a b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 58752 b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 138240 a b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 387072 a b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 304128 a^{2} b^{4} + 205 \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 387072 a b^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 394128 a^{2} b^{4} + 221184 a^{2} b^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{5} + 248832 a b^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 3312 b^{6} + 218823808 a b^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \sin \left[\frac{\pi \alpha}{2}\right]^{2} - 764411904 b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \sin \left[\frac{\pi \alpha}{2}\right]^{2} - 764411904 b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \sin \left[\frac{\pi \alpha}{2}\right]$$

$$\begin{split} & \sin\left[\frac{\pi}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\,\cos\left[\frac{\pi}{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 + \\ & 15\,28\,823\,808\,a\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - \\ & 15\,28\,823\,808\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 - 18\,11\,939\,328\,a^6 \\ & b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 5\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\,a^4\,b^8\,\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^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,5\sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - \\ & 5\,\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 - \\ & 4076\,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\,833\,434\,112\,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\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + \\ & 5\,\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\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & 304\,128\,a^2\,b^4\,\cos\left[\frac{\pi\alpha}{2}\right]^2 + 155\,520\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^2\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & 248\,832\,a\,b^5\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 33\,312\,b^6\,\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]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} - 1528\,823\,808 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} \\ & 5\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} - 1528\,823\,808 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} - 1528\,823\,808 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} - 1528\,823\,808 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} - 1528\,823\,808 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10} - 1528\,823\,808 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left$$

$$\begin{split} & \sin\left[\frac{\pi}{2}\right]^2 + 5860491264 \, a^4 \, b^8 \cos\left[\frac{\pi}{2}\right]^8 \, \sin\left[\frac{\pi}{2}\right]^4 + \\ & 16307453952 \, a^3 \, b^9 \cos\left[\frac{\pi}{2}\right]^8 \, \sin\left[\frac{\pi}{2}\right]^4 + 13504610304 \\ & a^2 \, b^{19} \cos\left[\frac{\pi}{2}\right]^8 \, \sin\left[\frac{\pi}{2}\right]^4 + 1528823808 \, a \, b^{11} \cos\left[\frac{\pi}{2}\right]^8 \\ & \sin\left[\frac{\pi}{2}\right]^4 - 1528823808 \, b^{12} \cos\left[\frac{\pi}{2}\right]^8 \, \sin\left[\frac{\pi}{2}\right]^4 - \\ & 1811939328 \, a^6 \, b^6 \cos\left[\frac{\pi}{2}\right]^6 \, \sin\left[\frac{\pi}{2}\right]^6 - 4076863488 \\ & a^5 \, b^7 \cos\left[\frac{\pi}{2}\right]^6 \, \sin\left[\frac{\pi}{2}\right]^6 + 9003073536 \, a^4 \, b^8 \cos\left[\frac{\pi}{2}\right]^6 + \\ & \sin\left[\frac{\pi}{2}\right]^5 + 32161923072 \, a^3 \, b^9 \cos\left[\frac{\pi}{2}\right]^6 \, \sin\left[\frac{\pi}{2}\right]^6 + \\ & 29302456320 \, a^2 \, b^{10} \cos\left[\frac{\pi}{2}\right]^6 \, \sin\left[\frac{\pi}{2}\right]^6 + 7644119040 \\ & a \, b^{11} \cos\left[\frac{\pi}{2}\right]^6 - 1811939328 \, a^6 \, b^6 \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^6 + \\ & 4076863488 \, a^5 \, b^7 \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^8 + 3142582272 \\ & a^4 \, b^8 \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^8 + 15854469120 \, a^3 \, b^9 \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^8 + \\ & 4586471424 \, a \, b^{11} \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^8 + 15854469120 \, a^3 \, b^9 \cos\left[\frac{\pi}{2}\right]^8 + \\ & 4586471424 \, a \, b^{11} \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^8 + 31 \, b \sin\left[\frac{\pi}{2}\right]^2 + \\ & 48 \, \left(b^2 \cos\left[\frac{\pi}{2}\right]^2 + 23 \, b^2 \sin\left[\frac{\pi}{2}\right]^2 + 33 \, b^2 \sin\left[\frac{\pi}{2}\right]^2 \right) \\ & 48 \, \left(b^2 \cos\left[\frac{\pi}{2}\right]^2 + 33 \, b^2 \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^2 + 33 \, b^2 \sin\left[\frac{\pi}{2}\right]^2 \right) \\ & (30 \, a^2 \, b^2 + 72 \, a \, b^3 + 45 \, b^4 - 32 \, a^2 \, b^2 \cos\left[\pi \, a\right] - \\ & 72 \, a \, b^3 \cos\left[\pi \, a\right] - 36 \, b^4 \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^2 + 58752 \, b^6 \cos\left[\frac{\pi}{2}\right]^4 \, \sin\left[\frac{\pi}{2}\right]^2 + \\ & \sin\left[\frac{\pi}{2}\right]^2 + 73728 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^2 + 58752 \, b^6 \cos\left[\frac{\pi}{2}\right]^4 + 304128 \, a^2 \, b^4 \cos\left[\frac{\pi}{2}\right]^4 + 387072 \, a \, b^5 \cos\left[\frac{\pi}{2}\right]^4 + 304128 \, a^2 \, b^4 \cos\left[\frac{\pi}{2}\right]^4 + 387072 \, a \, b^5 \cos\left[\frac{\pi}{2}\right]^2 + 38728 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^2 + 38728 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^2 + 38728 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^4 + 387072 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^2 + 38428 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^2 + 38728 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^3 + 38128 \, a^3 \, b^3 \cos\left[\frac{\pi}{2}\right]^3$$

$$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]^{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 - 764 \, 411 \, 904 \, b^{12} \\ \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]^8 + \\ \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 16307 \, 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 \, 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 + 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 + \\ 3in \left[\frac{\pi \, \alpha}{2}\right]^6 + 29302 \, 456 \, 320 \, a^2 \, b^{10} \, \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^6 + \\ 7644 \, 119 \, 940 \, a \, b^{11} \, \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 - 1811 \, 939 \, 328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + \\ 3142 \, 582 \, 272 \, a^4 \, b^8 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + 1811 \, 939 \, 328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 + \\ 3142 \, 582 \, 272 \, a^4 \, b^8 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + 1811 \, 939 \, 328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 + \\ 3142 \, 582 \, 272 \, a^4 \, b^8 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + 1811 \, 939 \, 328 \, a^6 \, b^6 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 + 3181 \, 2304 \, 28 \, b^3 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 + 1584 \, 469 \, 120 + \\ a^3 \, b^9 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 1584 \, 469 \, 120 + \\ a^3 \, b^9 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 1584 \, 469 \, 120 + \\ \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 1382 \, 240 \, a \, b^5 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 1582 \, 60 \, \cos \left[\frac{\pi \, \alpha}{2}\right]^4 + 1582 \, 60 \, \cos \left[\frac{\pi \, \alpha}{$$

$$\begin{split} & \sin\left[\frac{\pi\alpha}{2}\right]^4 + 65\,536\,a^3\,b^3\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 248\,832\,a\,b^5\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + \\ & \sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - 15\,28\,823\,808} \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10} \\ & \sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304 \\ & a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^8\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 15\,28\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^8 \\ & \sin\left[\frac{\pi\alpha}{2}\right]^4 - 15\,28\,823\,808\,b^{12}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 4\,076\,863\,488 \\ & a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\,a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,11\,9040 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,11\,9040 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,11\,9040 \\ & a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + 3\,142\,582\,272 \\ & a^4\,b^8\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + 3\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 3\,\cos\left[\frac{\pi\alpha}{2}\right]^4 + 3\,\cos\left[\frac{\pi\alpha}{2}\right]$$

$$\left[6 \times 2^{2/3} \text{ b}^2 \left(-3456 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2} \right]^6 + 82944 \text{ a}^2 \text{ b}^4 \cos \left[\frac{\pi \alpha}{2} \right]^4 \right] \sin \left[\frac{\pi \alpha}{2} \right]^2 + 138240 \text{ a} \text{ b}^5 \cos \left[\frac{\pi \alpha}{2} \right]^4 \sin \left[\frac{\pi \alpha}{2} \right]^2 + 58752 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2} \right]^4 \right]$$

$$\sin \left[\frac{\pi \alpha}{2} \right]^2 + 73728 \text{ a}^3 \text{ b}^3 \cos \left[\frac{\pi \alpha}{2} \right]^2 \sin \left[\frac{\pi \alpha}{2} \right]^4 + 304128 \text{ a}^2 \text{ b}^4$$

$$\cos \left[\frac{\pi \alpha}{2} \right]^2 \sin \left[\frac{\pi \alpha}{2} \right]^4 + 387072 \text{ a} \text{ b}^5 \cos \left[\frac{\pi \alpha}{2} \right]^2 \sin \left[\frac{\pi \alpha}{2} \right]^4 + 155520 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2} \right]^2 + 248832 \text{ a} \text{ b}^5 \sin \left[\frac{\pi \alpha}{2} \right]^6 + 221184 \text{ a}^2 \text{ b}^4 \sin \left[\frac{\pi \alpha}{2} \right]^6 + 248832 \text{ a} \text{ b}^5 \sin \left[\frac{\pi \alpha}{2} \right]^6 + 93312 \text{ b}^6$$

$$\sin \left[\frac{\pi \alpha}{2} \right]^6 + \sqrt{\left(-764411904 \text{ a}^2 \text{ b}^{10} \cos \left[\frac{\pi \alpha}{2} \right]^{10} \sin \left[\frac{\pi \alpha}{2} \right]^2 - 1528823808 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2} \right]^{10} \sin \left[\frac{\pi \alpha}{2} \right]^2 - 764411904 \text{ b}^{12}$$

$$\cos \left[\frac{\pi \alpha}{2} \right]^{10} \sin \left[\frac{\pi \alpha}{2} \right]^2 + 5860491264 \text{ a}^4 \text{ b}^8 \cos \left[\frac{\pi \alpha}{2} \right]^8$$

$$\sin \left[\frac{\pi \alpha}{2} \right]^4 + 16307453952 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2} \right]^8 \sin \left[\frac{\pi \alpha}{2} \right]^4 + 13504610304 \text{ a}^2 \text{ b}^{10} \cos \left[\frac{\pi \alpha}{2} \right]^3 \sin \left[\frac{\pi \alpha}{2} \right]^4 + 1528823808 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi \alpha}{2} \right]^8 \sin \left[\frac{\pi \alpha}{2} \right]^4 - 1528823808 \text{ b}^{12} \cos \left[\frac{\pi \alpha}{2} \right]^8$$

$$\sin \left[\frac{\pi \alpha}{2} \right]^4 - 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 - 4076863488 \text{ a}^5 \text{ b}^7 \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 + 9003073536$$

$$\text{ a}^4 \text{ b}^8 \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2} \right]^6 + 764411904$$

$$\text{ b}^{12} \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 - 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2} \right]^6 + 764411904$$

$$\text{ b}^{12} \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 - 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[\frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac{\pi \alpha}{2} \right]^6 + 32161923072 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi \alpha}{2} \right]^6 \sin \left[\frac$$

$$\begin{split} & \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 + 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 + \\ & 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]^2 - 1528823808} \\ & \text{ a} \text{ b}^{11} \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 + 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 \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]^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 \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 + \\ & 296683488 \text{ a}^5 \text{ b}^7 \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 + 18119393228 \text{ a}^6 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 311\left[\frac{\pi\alpha}{2}\right]^6 + 32161923072 \text{ a}^3 \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 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 18119393228 \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 \sin\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 \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 + 7644119040 \\ & \text{ b}^{11} \cos$$

$$4076863488 \, a^5 \, b^7 \, \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 + 9\, 903\, 073\, 536$$

$$a^4 \, b^8 \, \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 + 32\, 161\, 923\, 072\, a^3$$

$$b^9 \, \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 + 22\, 302\, 456\, 320\, a^2\, b^{10}$$

$$\cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 + 7\, 644\, 119\, 040\, a\, b^{11} \, \cos \left[\frac{\pi}{2}\right]^6 - 1811\, 939\, 328\, a^6\, b^6 \, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 - 4076\, 863\, 488\, a^5\, b^7\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 3142\, 582\, 272\, a^4\, b^8\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 15\, 833\, 434\, 112\, a^2\, b^{10}\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 45\, 86\, 471\, 424\, a\, b^{11}\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 45\, 86\, 471\, 424\, a\, b^{11}\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 304\, 28\, a^2\, b^2\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 304\, 128\, a^2\, b^2\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 304\, 128\, a^2\, b^2\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 \, \sin \left[\frac{\pi}{2}\right]^4 + 384\, 128\, a^2\, b^4\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 58\, 752\, b^6\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 58\, 752\, b^6\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 138\, 240\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 \, \sin \left[\frac{\pi}{2}\right]^4 + 384\, 128\, a^2\, b^4\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 387\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, b^5\, \cos \left[\frac{\pi}{2}\right]^3 \, \sin \left[\frac{\pi}{2}\right]^4 + 382\, 072\, a\, a$$

$$1528823808 \text{ a} b^{12} \cos \left[\frac{\pi}{2}\right]^8 \sin \left[\frac{\pi}{2}\right]^4 - 1528823808$$

$$b^{12} \cos \left[\frac{\pi}{2}\right]^8 \sin \left[\frac{\pi\alpha}{2}\right]^4 - 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[\frac{\pi}{2}\right]^6 + 2076863488 \text{ a}^5 \text{ b}^7 \cos \left[\frac{\pi\alpha}{2}\right]^6 \sin \left[\frac{\pi\alpha}{2}\right]^6 + 29003073536 \text{ a}^4 \text{ b}^8 \cos \left[\frac{\pi\alpha}{2}\right]^6 \sin \left[\frac{\pi\alpha}{2}\right]^6 + 32161923072$$

$$a^3 b^9 \cos \left[\frac{\pi\alpha}{2}\right]^6 \sin \left[\frac{\pi\alpha}{2}\right]^6 + 29302456320 \text{ a}^2 \text{ b}^{10}$$

$$\cos \left[\frac{\pi\alpha}{2}\right]^6 \sin \left[\frac{\pi\alpha}{2}\right]^6 + 7644119040 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi\alpha}{2}\right]^6 - 1811939328 \text{ a}^6 \text{ b}^6 \cos \left[\frac{\pi\alpha}{2}\right]^4 \sin \left[\frac{\pi\alpha}{2}\right]^8 + 3142582272 \text{ a}^4 \text{ b}^8$$

$$\cos \left[\frac{\pi\alpha}{2}\right]^4 \sin \left[\frac{\pi\alpha}{2}\right]^8 + 15834469120 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi\alpha}{2}\right]^4 \sin \left[\frac{\pi\alpha}{2}\right]^8 + 3142582272 \text{ a}^4 \text{ b}^8$$

$$\cos \left[\frac{\pi\alpha}{2}\right]^4 \sin \left[\frac{\pi\alpha}{2}\right]^8 + 15834469120 \text{ a}^3 \text{ b}^9 \cos \left[\frac{\pi\alpha}{2}\right]^4 + 4586471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi\alpha}{2}\right]^4 \sin \left[\frac{\pi\alpha}{2}\right]^8 + 3142582727 \text{ a}^4 \text{ b}^8$$

$$\sin \left[\frac{\pi\alpha}{2}\right]^8 + 15033434112 \text{ a}^2 \text{ b}^{10} \cos \left[\frac{\pi\alpha}{2}\right]^4 \sin \left[\frac{\pi\alpha}{2}\right]^8 + 4866471424 \text{ a} \text{ b}^{11} \cos \left[\frac{\pi\alpha}{2}\right]^4 \sin \left[\frac{\pi\alpha}{2}\right]^8 + 3142582727 \text{ a}^4 \text{ b}^8$$

$$\cos \left[4 \operatorname{ArcCos}\left[\sqrt{\left(\frac{5}{8} + \frac{1}{2} \sqrt{\left(\frac{25}{16} - \frac{33 \text{ b} \cos \left[\frac{\pi\alpha}{2}\right]^2 + 4 \text{ a} \sin \left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b} \sin \left[\frac{\pi\alpha}{2}\right]^3 + 4 \cos \left[\frac{\pi\alpha}{2}\right]^3 + 3 \sin \left[\frac{\pi\alpha}{2}\right]^3 + 3 \cos \left[\frac{$$

$$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]^{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 - 764\,411\,904\,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\,\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 + 13\,594\,610\,304 \\ a^2\,b^{10}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^8\,\sin\left[\frac{\pi\,\alpha}{2}\right]^4 + 15\,28\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^8 \\ \sin\left[\frac{\pi\,\alpha}{2}\right]^4 - 15\,28\,823\,808\,b^{12}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^8\,\sin\left[\frac{\pi\,\alpha}{2}\right]^4 - \\ 18\,11\,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 + \\ 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\,11\,904\,b^{12}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + \\ 29\,302\,456\,320\,a^2\,b^{10}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + \\ 3in\left[\frac{\pi\,\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4 + 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]^4 + 15\,872\,b^2\,\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\,\sin\left[\frac{\pi\,\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\,\cos\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 + 15\,55\,20\,b^6\,\cos\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]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + \\ \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 + \\ 211\,811\,81094\,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 + \\ \sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 32\,11\,814\,a^2\,b^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + \\ 310\,\left[\frac{\pi\,\alpha}{2}\right]^6 + 1811\,12\,a^2\,b^4\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + 1811\,12\,a^2\,b^4\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + 1811\,12\,a^2\,b^4\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + 1811\,12\,a^2\,b^4\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + 1811\,12\,a^2\,b^4\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + 1811\,12\,a^2\,b^4\,\cos\left[\frac{\pi$$

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

$$8 \text{ b} \left(\cos \left[\frac{\pi \alpha}{2}\right]^2 + 4 \text{ a} \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \text{ b} \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \frac{33 \text{ b} \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \text{ a} \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \text{ b} \sin \left[\frac{\pi \alpha}{2}\right]^2}{48 \left(\text{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^2 + \text{b}^2 \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \frac{33 \text{ b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \text{ a} \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \text{ b}^2 \sin \left[\frac{\pi \alpha}{2}\right]^2}{48 \left(\text{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^2 + \text{b}^2 \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \frac{36 \text{ b}^4 \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \text{ a} \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \text{ b}^2 \sin \left[\frac{\pi \alpha}{2}\right]^2}{48 \left(\text{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^2 + \text{b}^2 \sin \left[\frac{\pi \alpha}{2}\right]^2\right)} + \frac{36 \text{ b}^4 \cos \left[\frac{\pi \alpha}{2}\right]^2 + 4 \text{ b}^3 \sin \left[\frac{\pi \alpha}{2}\right]^2 + 2 \text{ a}^3 \sin \left[\frac{\pi \alpha}{2}\right]^2 + 2 \text{ a}^3 \cos \left[\pi \alpha\right] - 72 \text{ a} \text{ b}^3 \cos \left[\pi \alpha\right] - 36 \text{ b}^4 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 26 \text{ b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 387 \text{ a}^3 \cos \left[\frac{$$

$$\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} \\ \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} \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)^{1/3} + \\ \frac{1}{304128 \, 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} \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} + \\ 48832 \, a \, b^{5} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 93312 \, b^{6} \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} + \\ 248832 \, a \, b^{5} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 121184 \, a^{2} \, b^{4} \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} - 764411904 \, b^{12} \\ \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^{10} + 1300743952 \, a^{3} \, b^{3} \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} + 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]^{8} + 1528823808 \, a^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[$$

$$b^{12} \cos \left[\frac{\pi}{2}\right]^8 \sin \left[\frac{\pi}{2}\right]^4 - 1811939328 \, a^6 \, b^6 \cos \left[\frac{\pi}{2}\right]^6 \\ \sin \left[\frac{\pi}{2}\right]^6 - 4076863488 \, a^5 \, b^7 \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 + \\ 9003073536 \, a^4 \, b^8 \, \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 + 32161923072 \, a^3 \\ b^9 \, \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 + 29302456320 \, a^2 \, b^{10} \, \cos \left[\frac{\pi}{2}\right]^6 + \\ \sin \left[\frac{\pi}{2}\right]^6 + 7644119040 \, a^{111} \, \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 - \\ 764411904 \, b^{12} \, \cos \left[\frac{\pi}{2}\right]^6 \, \sin \left[\frac{\pi}{2}\right]^6 - 1811939 \, 328 \, a^6 \\ b^6 \, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 - 4076863 \, 488 \, a^5 \, b^7 \, \cos \left[\frac{\pi}{2}\right]^4 + \\ 15854 \, 469120 \, a^3 \, b^9 \, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 4586471424 \\ a \, b^{11} \, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^8 + 4586471424 \\ a \, b^{11} \, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 33 \, b \, \sin \left[\frac{\pi}{2}\right]^2 + \\ 48 \, \left(b^2 \, \cos \left[\frac{\pi}{2}\right]^2 + 2b \, \sin \left[\frac{\pi}{2}\right]^2 + 33 \, b^2 \, \sin \left[\frac{\pi}{2}\right]^2 + \\ 48 \, \left(b^2 \, \cos \left[\frac{\pi}{2}\right]^2 + 2b \, \sin \left[\frac{\pi}{2}\right]^2 + 33 \, b^2 \, \sin \left[\frac{\pi}{2}\right]^2 + \\ 2a^3 \, b^2 \, \cos \left[\frac{\pi}{2}\right]^2 + 2b^3 \, \sin \left[\frac{\pi}{2}\right]^2 + 33 \, b^2 \, \sin \left[\frac{\pi}{2}\right]^2 + \\ 138240 \, a^5 \, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 32b^2 \, \cos \left[\frac{\pi}{2}\right]^4 + \\ 304128 \, a^5 \, b^4 \, \cos \left[\frac{\pi}{2}\right]^4 \, \sin \left[\frac{\pi}{2}\right]^2 + 3879072 \, a^5$$

$$\cos \left[\frac{\pi}{2}\right]^2 \, \sin \left[\frac{\pi}{2}\right]^4 + 387072 \, a^5$$

$$\sqrt{\left(-764411904\ a^2\ b^{10}\cos\left[\frac{\pi}{2}\right]^{10}\sin\left[\frac{\pi}{2}\right]^2-1528823808}$$

$$a\ b^{11}\cos\left[\frac{\pi}{2}\right]^{10}\sin\left[\frac{\pi}{2}\right]^2-764411904\ b^{12}\cos\left[\frac{\pi}{2}\right]^{10}$$

$$\sin\left[\frac{\pi}{2}\right]^2+5860491264\ a^4\ b^8\cos\left[\frac{\pi}{2}\right]^8\ \sin\left[\frac{\pi}{2}\right]^4+13504610304$$

$$a^2\ b^{10}\cos\left[\frac{\pi}{2}\right]^8\ \sin\left[\frac{\pi}{2}\right]^4+1528823808\ a\ b^{11}\cos\left[\frac{\pi}{2}\right]^4-13504610304$$

$$a^2\ b^{10}\cos\left[\frac{\pi}{2}\right]^8\ \sin\left[\frac{\pi}{2}\right]^4+1528823808\ a\ b^{11}\cos\left[\frac{\pi}{2}\right]^4-1811939328\ a^6\ b^6\cos\left[\frac{\pi}{2}\right]^6\ \sin\left[\frac{\pi}{2}\right]^6-4076863488$$

$$a^5\ b^7\cos\left[\frac{\pi}{2}\right]^6\ \sin\left[\frac{\pi}{2}\right]^6+9003073536\ a^4\ b^8\cos\left[\frac{\pi}{2}\right]^6+2903073536\ a^4\ b^8\cos\left[\frac{\pi}{2}\right]^6+2903073536\ a^4\ b^8\cos\left[\frac{\pi}{2}\right]^6+32161923072\ a^3\ b^9\cos\left[\frac{\pi}{2}\right]^6+7644119040$$

$$a\ b^{11}\cos\left[\frac{\pi}{2}\right]^6-1811939328\ a^6\ b^6\cos\left[\frac{\pi}{2}\right]^6 \sin\left[\frac{\pi}{2}\right]^6+7644119040$$

$$a\ b^{11}\cos\left[\frac{\pi}{2}\right]^6-1811939328\ a^6\ b^6\cos\left[\frac{\pi}{2}\right]^4\sin\left[\frac{\pi}{2}\right]^8-4076863488\ a^5\ b^7\cos\left[\frac{\pi}{2}\right]^4\sin\left[\frac{\pi}{2}\right]^8+3142582272$$

$$a^4\ b^8\cos\left[\frac{\pi}{2}\right]^4\sin\left[\frac{\pi}{2}\right]^8+15854469120\ a^3\ b^9\cos\left[\frac{\pi}{2}\right]^4$$

$$\sin\left[\frac{\pi}{2}\right]^8+15933434112\ a^2\ b^{10}\cos\left[\frac{\pi}{2}\right]^8\right)^{1/3}+4586471424\ a\ b^{11}\cos\left[\frac{\pi}{2}\right]^4+82944\ a^2\ b^4\cos\left[\frac{\pi}{2}\right]^8\right)^{1/3}+4586471424\ a\ b^{11}\cos\left[\frac{\pi}{2}\right]^6+82944\ a^2\ b^4\cos\left[\frac{\pi}{2}\right]^4\right)^4+384128\ a^2\ b^4\cos\left[\frac{\pi}{2}\right]^4+384128\ a^2\ b^4\cos\left[\frac{\pi}{2}\right]^6+38128\ a^2\ b^6\cos\left[\frac{\pi}{2}\right]^6+381286\ a^2\ b^6\cos\left[\frac{\pi}{2}\right]^6+381286\ a^2\ b^6$$

$$\sqrt{\left(-764411904 \, \mathrm{a}^2 \, \mathrm{b}^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{10}} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - 1528 \, 823 \, 808$$

$$= a \, \mathrm{b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - 764 \, 411 \, 904 \, \mathrm{b}^{12} \, \cos \left[\frac{\pi \alpha}{2}\right]^{10}$$

$$= \sin \left[\frac{\pi \alpha}{2}\right]^2 + 5860 \, 491 \, 264 \, \mathrm{a}^4 \, \mathrm{b}^8 \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 16307 \, 453952 \, \mathrm{a}^3 \, \mathrm{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 13504 \, 610 \, 304$$

$$= a^2 \, \mathrm{b}^{10} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 + 1528 \, 823 \, 808 \, \mathrm{a} \, \mathrm{b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^8 - 1528 \, 823 \, 808 \, \mathrm{b}^{12} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1528 \, 823 \, 808 \, \mathrm{b}^{12} \cos \left[\frac{\pi \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \alpha}{2}\right]^4 - 1811939328 \, \mathrm{a}^6 \, \mathrm{b}^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 4076 \, 863 \, 488$$

$$= a^5 \, \mathrm{b}^7 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 9003073536 \, \mathrm{a}^4 \, \mathrm{b}^8 \cos \left[\frac{\pi \alpha}{2}\right]^6 + 29302 \, 456 \, 320 \, \mathrm{a}^2 \, \mathrm{b}^{10} \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040$$

$$= a \, \mathrm{b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 + 32 \, 161923072 \, \mathrm{a}^2 \, \mathrm{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040$$

$$= a \, \mathrm{b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \, \mathrm{a}^6 \, \mathrm{b}^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 - 4076 \, 863 \, 488 \, \mathrm{a}^5 \, \mathrm{b}^7 \cos \left[\frac{\pi \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \alpha}{2}\right]^6 + 7644119040$$

$$= a \, \mathrm{b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328 \, \mathrm{a}^6 \, \mathrm{b}^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 - 4076 \, 863 \, 488 \, \mathrm{a}^5 \, \mathrm{b}^7 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142582272$$

$$= a^4 \, b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15 \, 854 \, 469120 \, \mathrm{a}^2 \, \mathrm{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 15 \, 603343112 \, \mathrm{a}^2 \, \mathrm{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 4586471424 \, \mathrm{a} \, \mathrm{b}^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142582272$$

$$= \frac{33 \, \mathrm{b} \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, \mathrm{a} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, \mathrm{b} \, \sin \left[\frac{\pi \alpha}{2}\right]^3 - \frac{33 \, \mathrm{b} \cos \left[\frac{\pi \alpha}{2}\right]^2 - 4 \, \mathrm{a} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 33 \, \mathrm{b} \, \sin \left[\frac{\pi \alpha}{2}\right]^2 - \frac{33 \, \mathrm{b} \cos \left[\pi \alpha\right] - 36 \, \mathrm{b}^4 \cos \left[\pi \alpha\right] + 2 \, \mathrm{a}^2 \, \mathrm{b}^2 \cos \left[\frac{\pi \alpha}{2}\right]^4 \, \sin \left[\frac{\pi \alpha}{2}\right]^2 + 3 \, \mathrm{a}^2 \, \cos \left[\frac{\pi \alpha}{2}\right]^2 + 3 \, \mathrm{a}^2 \, \cos \left[\frac{\pi \alpha}{$$

$$\begin{split} & \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]^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 + \\ & \sqrt{\left(-764\,411\,904\, a^2\, b^{10}\, \cos\left[\frac{\pi\alpha}{2}\right]^{30}\, \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 - 764\,411\,904\, 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\, \sin\left[\frac{\pi\alpha}{2}\right]^4 + \\ & 16\,307\,453\,952\, a^3\, b^2\, \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 + 15\,28\,823\,808\, a\, b^{11}\, \cos\left[\frac{\pi\alpha}{2}\right]^8 \\ & \sin\left[\frac{\pi\alpha}{2}\right]^4 - 15\,28\,823\,808\, b^{12}\, \cos\left[\frac{\pi\alpha}{2}\right]^8\, \sin\left[\frac{\pi\alpha}{2}\right]^4 - \\ & 18\,11\,939\,328\, a^6\, b^6\, \cos\left[\frac{\pi\alpha}{2}\right]^6\, \sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488 \\ & a^5\, b^7\, \cos\left[\frac{\pi\alpha}{2}\right]^6\, \sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,903\,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 + 7\,644\,11\,9040 \\ & a\, b^{11}\, \cos\left[\frac{\pi\alpha}{2}\right]^6\, \sin\left[\frac{\pi\alpha}{2}\right]^6 - 7\,64\,411\,904\, b^{12}\, \cos\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 5in\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\, a^6\, b^6\, \cos\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,11\,9040 \\ & a\, b^{11}\, \cos\left[\frac{\pi\alpha}{2}\right]^6\, \sin\left[\frac{\pi\alpha}{2}\right]^6 - 7\,64\,411\,904\, b^{12}\, \cos\left[\frac{\pi\alpha}{2}\right]^6 + \\ & 4076\,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 + 15\,832\,40\, a\, b^5\, \cos\left[\frac{\pi\alpha}{2}\right]^4\, \sin\left[\frac{\pi\alpha}{2}\right]^4\, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 15\,832\,40\, a\, b^5\, \cos\left[\frac{\pi\alpha}{2}\right]^4\, \sin\left[\frac{\pi\alpha}{2}\right]^4\, \sin\left[\frac{\pi\alpha}{2}\right]^4 + 15\,811\,412\,42\, 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]^4\,$$

$$58752 \, b^6 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^2 + 73728 \, a^3 \, b^3 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^2 \\ \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 + 304128 \, a^2 \, b^4 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^2 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 + \\ 387072 \, a \, b^5 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^2 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 + 155520 \, b^6 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^2 \\ \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 + 65536 \, a^3 \, b^3 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 + 221184 \, a^2 \, b^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 + \\ 248832 \, a \, b^5 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 + 93312 \, b^6 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 + \\ \sqrt{\left(-764411904 \, a^2 \, b^{10} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^{10} \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^2 - 1528823808} \\ a \, b^{11} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^{10} \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^2 - 764411904 \, b^{12} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^{10} \\ \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^2 + 5860491264 \, a^4 \, b^8 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^8 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 + \\ 16307453952 \, a^3 \, b^9 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^8 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 + 13504610304 \\ a^2 \, b^{10} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^8 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 + 1528823808 \, a \, b^{11} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 - \\ 1811939328 \, a^6 \, b^6 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^6 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 - 4076863488 \\ a^5 \, b^7 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^6 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 + 9003073536 \, a^4 \, b^8 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^6 + \\ 29302456320 \, a^2 \, b^{10} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^6 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 + 7644119040 \\ a \, b^{11} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^6 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 - 7644119040 \, b^{12} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^6 + \\ 3 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^6 - 18119393328 \, a^6 \, b^6 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^8 + 15822272 \\ a^4 \, b^8 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^8 + 15834469120 \, a^3 \, b^9 \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 + 1586471424 \, a \, b^{11} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^8 + 1586471424 \, a \, b^{11} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^8 + \\ 4586471424 \, a \, b^{11} \, \text{Cos} \left[\frac{\pi \, \alpha}{2}\right]^4 \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^2 + 10 \, b \, \text{Sin} \left[\frac{\pi \, \alpha}{2}\right]^4 - \\$$

$$\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} + \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 33 \text{ b } \sin \left[\frac{\pi \alpha}{2}\right]^{2}\right)} + \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} + \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 b } \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 33 \text{ b}^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2}}{48 \text{ (b }^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 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 b } \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 33 \text{ b}^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2}}{48 \text{ (b }^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + b^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2}} + \frac{33 \text{ b}^{2} \cos \left[\frac{\pi \alpha}{2}\right] + 2 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right] + 2 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right] + 2 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right] + \frac{36 \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right] + 2 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right] + \frac{36 \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right] + 2 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right] + \frac{36 \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + 3 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{36 \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 373728 \text{ a}^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 58752 \text{ b}^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{364128 \text{ a}^{2} \text{ b}^{4} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 373728 \text{ a}^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 387072 \text{ a}^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{364128 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 155520 \text{ b}^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + 155520 \text{ b}^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{4} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + 221184 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + \frac{36616 \text{ a}^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + \frac{36616 \text{ a}^{2} \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} - 764411904 \ b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{6} - 1811939328 \ a^{6} \ b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} - 1528823808 \ a^{5} \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} + \\ 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]^{8} + \\ 15933434 \cos \left[\frac{\pi \alpha}{2}\right]^{2} \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} + 58752 \ b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \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} + 138240 \ a \ b^{5} \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} + \\ 6536 \ a^{3} \ b^{3} \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} + \\ 248822 \ a \ b^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + 221184 \ a^{2} \ b^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{6} + \\ 248823 \ 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} - 764411904 \ b^{12} \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]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 15304610304 \ 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 \ 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} - 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} - 152882380$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^{5} - 4076863488 \, a^{5} \, b^{7} \cos\left[\frac{\pi\alpha}{2}\right]^{5} \sin\left[\frac{\pi\alpha}{2}\right]^{5} + \\ 9003073536 \, 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} - 7644119040 \, 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} + 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 \, a \, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 33 \, b \, \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} + 33 \, b \, \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} + 33 \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^{2} + \\ 48 \, \left(\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 24 \, a \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^{2} - 4a \, a \, \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 33 \, b \, \sin\left[\frac{\pi\alpha}{2}\right]^{2} + \\ 48 \, \left(\cos\left[\frac{\pi\alpha}{2}\right]^{2} + 27 \, 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) / \\ \left(6 \times 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} + 58752 \, b^{6} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \, \sin\left[\frac{\pi\alpha}{2}\right]^{2} + \\ 304128 \, a^{2} \, b^{4} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 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} + \\ 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} + \\ \sqrt{\left(-764411904 \, a^{2} \, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^{2} - 1528823808} \right)$$

$$a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^{10} \, \sin \left[\frac{\pi \, \alpha}{2}\right]^2 - 764411904 \, b^{12} \cos \left[\frac{\pi \, \alpha}{2}\right]^{10}$$

$$\sin \left[\frac{\pi \, \alpha}{2}\right]^2 + 5860491264 \, a^4 \, b^8 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 16307453952 \, a^3 \, b^9 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 13504610304$$

$$a^2 \, b^{10} \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 1528823808 \, a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 1528823808 \, a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^4 - 1811939328 \, a^6 \, b^6 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 - 4076863488$$

$$a^5 \, b^7 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \, \sin \left[\frac{\pi \, \alpha}{2}\right]^6 + 9003073536 \, a^4 \, b^8 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + 29302456320 \, a^2 \, b^{10} \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 + 7644119040$$

$$a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \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]^4 \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 + 7644119040 \, a^3 \, b^3 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 - 1811939328 \, a^6 \, b^6 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + 7644119040 \, a^3 \, b^3 \cos \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]^6 + 158193328 \, a^6 \, b^6 \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 + 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]^8 + 4586471424 \, a \, b^{11} \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]^8 + 15033434112 \, a^2 \, b^4 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272 \, a^4 \, b^8 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272 \, a^4 \, b^8 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 314244 \, a^4 \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272 \, a^4 \, b^4 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272 \, a^4 \, b^4 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272 \, a^4 \, b^4 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272 \, a^4 \, b^4 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272$$

$$ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{3} \sin \left[\frac{\pi \alpha}{2}\right]^{2} - 764411904b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{3} + \\ \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 5860491264a^{4}b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ 16307453952a^{3}b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 13504610304\\ a^{2}b^{19} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + 1528823808ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \\ \sin \left[\frac{\pi \alpha}{2}\right]^{4} - 1528823808b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{4} - \\ 1811939328a^{6}b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{5} - 4076863488\\ a^{5}b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{5} + 9003073536a^{4}b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + \\ 29302456320a^{2}b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{5} + 7644119040\\ ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{6} \sin \left[\frac{\pi \alpha}{2}\right]^{5} - 764411904b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{6} + \\ 4076863488a^{5}b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{5} + 764411904b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^{5} - \\ 4076863488a^{5}b^{7} \cos \left[\frac{\pi \alpha}{2}\right]^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{5} + 3142582272a^{4} + \\ b^{8} \cos \left[\frac{\pi \alpha}{2}\right]^{5} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + 15834469120a^{3}b^{9} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} + \\ 4586471424ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{8} \sin \left[\frac{\pi \alpha}{2}\right]^{5} - \\ 48 \left(b^{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + b^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 33b \sin \left[\frac{\pi \alpha}{2}\right]^{2} - \\ 2ab^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} + ab \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 33b \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} + 33b \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + \\ 138240ab^{5} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 58752b^{6} \cos \left[\frac{\pi \alpha}{2}\right]^{4} \sin \left[\frac{\pi \alpha}{2}\right]^{2} + \\ \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 73728a^{3}b^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 73728a^{3}b^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 73728a^{3}b^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 73728a^{3}b^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ \sin \left[\frac{\pi \alpha}{2}\right]^{2} + 73728a^{3}b^{3} \cos \left[\frac{\pi \alpha}{2}\right]^{2} \sin \left[\frac{\pi \alpha}{2}\right]^{4} + \\ \frac{\pi \alpha}{2} \cos \left[\frac{\pi \alpha}{2}\right]^{2}$$

$$304128 \, a^2 \, b^4 \cos \left[\frac{\pi \, \alpha}{2}\right]^2 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 1857972 \, a \, b^5$$

$$\cos \left[\frac{\pi \, \alpha}{2}\right]^2 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 155520 \, b^6 \cos \left[\frac{\pi \, \alpha}{2}\right]^2 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 +$$

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

$$248832 \, a \, b^5 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 + 93312 \, b^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 +$$

$$\sqrt{\left(-764411904 \, a^2 \, b^{10} \cos \left[\frac{\pi \, \alpha}{2}\right]^{10} \sin \left[\frac{\pi \, \alpha}{2}\right]^2 - 1528823808}$$

$$a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^{10} \sin \left[\frac{\pi \, \alpha}{2}\right]^2 - 764411904 \, b^{12} \cos \left[\frac{\pi \, \alpha}{2}\right]^{10}$$

$$\sin \left[\frac{\pi \, \alpha}{2}\right]^2 + 5860491264 \, a^4 \, b^8 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 +$$

$$16307453952 \, a^3 \, b^9 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 13504610304$$

$$a^2 \, b^{10} \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 + 1528823808 \, a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^8$$

$$\sin \left[\frac{\pi \, \alpha}{2}\right]^4 - 1528823808 \, b^{12} \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 -$$

$$1811939328 \, a^6 \, b^6 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 - 4076863488$$

$$a^5 \, b^7 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + 32161923072 \, a^3 \, b^9 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 +$$

$$29302456320 \, a^2 \, b^{10} \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 + 7644119040$$

$$a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^6 - 18119393288 \, a^6 \, b^6 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 + 7644119040$$

$$a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^6 + 316282272$$

$$a^4 \, b^8 \cos \left[\frac{\pi \, \alpha}{2}\right]^6 \sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 15884469120 \, a^3 \, b^9 \cos \left[\frac{\pi \, \alpha}{2}\right]^6$$

$$\sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 15033434112 \, a^2 \, b^{10} \cos \left[\frac{\pi \, \alpha}{2}\right]^8 \sin \left[\frac{\pi \, \alpha}{2}\right]^8 +$$

$$4586471424 \, a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 3142582272$$

$$a^4 \, b^8 \cos \left[\frac{\pi \, \alpha}{2}\right]^8 + 15033434112 \, a^2 \, b^{10} \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \sin \left[\frac{\pi \, \alpha}{2}\right]^4 +$$

$$4586471424 \, a \, b^{11} \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \sin \left[\frac{\pi \, \alpha}{2}\right]^8 + 316258272$$

$$\sin \left[\frac{\pi \, \alpha}{2}\right]^2 + 138240 \, a \, b^5 \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \sin \left[\frac{\pi \, \alpha}{2}\right]^2 +$$

$$58752 \, b^6 \cos \left[\frac{\pi \, \alpha}{2}\right]^4 \sin \left[\frac{\pi \, \alpha}{2}\right]^2 + 73728 \, a^3 \, b^3 \cos \left[\frac{\pi \, \alpha}{2}\right]^2$$

$$\begin{split} & \sin\left[\frac{\pi}{2}\right]^4 + 304\,128\,a^2\,b^4\,\cos\left[\frac{\pi}{2}\right]^2\,\sin\left[\frac{\pi}{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 + \\ & \sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^{10}\,\sin\left[\frac{\pi\alpha}{2}\right]^2 - 15\,28\,823\,808} \\ & a\,b^{11}\,\cos\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} \\ & \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 + 13\,504\,610\,304 \\ & a^2\,b^{10}\,\cos\left[\frac{\pi\alpha}{2}\right]^3\,\sin\left[\frac{\pi\alpha}{2}\right]^4 + 15\,28\,823\,808\,a\,b^{11}\,\cos\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\,076\,863\,488 \\ & a^5\,b^7\,\cos\left[\frac{\pi\alpha}{2}\right]^6\,\sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,9093\,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 + 7\,644\,11\,9040 \\ & 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]^6 + 7\,644\,11\,9040 \\ & 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]^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 + \\ & 4586\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\alpha}{2}\right]^4\,\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,633\,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]^2 - 10\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \\ & 2\,b\,\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 3\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \right) \\ & \frac{5}{8}\,\cos\left(\frac{\pi\alpha}{2}\right)^2 - 4\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 3\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \right) \\ & \frac{5}{8}\,\cos\left(\frac{\pi\alpha}{2}\right)^2 - 4\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \right) \\ & \frac{5}{8}\,\cos\left(\frac{\pi\alpha}{2}\right)^2 - 4\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 3\,b\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \right) \\ & \frac{5}{8}\,\cos\left(\frac{\pi\alpha}{2}\right)^2 - 4\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 3\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \right) \\ & \frac{5}{8}\,\cos\left(\frac{\pi\alpha}{2}\right)^2 - 4\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 + 3\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 \right) \\ & \frac{5}{8}\,\cos\left(\frac{\pi\alpha}{2}\right)^2 - 4\,a\,\sin\left[\frac{\pi\alpha}{2}\right]^2 +$$

$$\left(4\sqrt{\left(\frac{25}{16} - \frac{33 \text{ b} \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2}{16 \text{ b} \left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}} + \frac{33 \text{ b}^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33 \text{ b}^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48 \left(b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{33 \text{ b}^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4 \text{ a} \text{ b} \sin\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}{48 \left(b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{36 \text{ b}^4 \cos\left[\pi\alpha\right] + 2 \text{ a}^2 \text{ b}^2 \cos\left[2\pi\alpha\right] \right) / \left(6 \times 2^{2/3} \text{ b}^2\right) }$$

$$\left(-3456 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 2 \text{ a}^2 \text{ b}^2 \cos\left[2\pi\alpha\right] \right) / \left(6 \times 2^{2/3} \text{ b}^2\right) }$$

$$\left(-3456 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 2 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 58752 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 138240 \text{ a} \text{ b}^5 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 58752 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 + 394128 \text{ a}^2 \text{ b}^4 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 387972 \text{ a} \text{ b}^5 \right)$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155520 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 65536 \text{ a}^3 \text{ b}^3 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 221184 \text{ a}^2 \text{ b}^4 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 248832 \text{ a} \text{ b}^5 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 23112 \text{ b}^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 248832 \text{ a} \text{ b}^5 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 3312 \text{ b}^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 248832 \text{ a} \text{ b}^5 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 3312 \text{ b}^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 258823808 \text{ a}^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^6 + 13594610304 \text{ a}^2 \text{ b}^{10} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1528823808 \text{ a}^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1811939328 \text{ a}^6 + 6 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 2903073536 \text{ a}^4 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 2903073536 \text{ a}^4 \text{ b}^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32161923072 \text{ a}^3 \text{ b}^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7644119040 \text{ a}^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 76441190$$

$$ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^6 - \sin \left[\frac{\pi \alpha}{2}\right]^6 - 764411904b^{12} \cos \left[\frac{\pi \alpha}{2}\right]^6 - 1811939328a^6b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 - 4076863488a^5b^7 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 3142582272a^4b^8 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 15854469120a^3b^9 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 15933434112a^2b^{10} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 4586471424ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^8 + 366471424ab^{11} \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 386471424ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 38944a^2b^4 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 3816 \left[\frac{\pi \alpha}{2}\right]^2 + 138240ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^2 + 58752b^6 \cos \left[\frac{\pi \alpha}{2}\right]^4 \sin \left[\frac{\pi \alpha}{2}\right]^2 + 138240ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 387072ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^2 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 387072ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 387072ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^4 + 3870072ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^6 + 3970072ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^4 + 3870072ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 3970072ab^5 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 3970072ab^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 3970072ab^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 3970072ab^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 + 3970072ab^6 \cos \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha}{2}\right]^6 \sin \left[\frac{\pi \alpha$$