(*τ_{1^*} value*)

Out[•]=

$$\left(\frac{1}{a}\left(2^{\alpha}\,\text{ArcCos}\left[-\sqrt{\left(\frac{5}{8}-\frac{1}{2}\sqrt{\left(\frac{25}{16}-\frac{33\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{16\,b\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}+\right.\right.\right.\right.$$

$$\left.\left.\left.\left.\frac{33\,b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}+\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-\right.\right.\right.\right.$$

$$\left.\left.\left.\left.32\,a^2\,b^2\,\text{Cos}\left[\pi\alpha\right]-72\,a\,b^3\,\text{Cos}\left[\pi\alpha\right]-36\,b^4\,\text{Cos}\left[\pi\alpha\right]+2\,a^2\,b^2\,\text{Cos}\left[2\,\pi\alpha\right]\right)\right/\right.\right.$$

$$\left.\left(6\times 2^{2/3}\,b^2\left(-3456\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6+82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+\right.\right.$$

$$138\,240\,a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+$$

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

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

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

$$248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+93\,312\,b^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\right.$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-$$

$$764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

$$13\,504\,610\,304\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+1\,528\,823\,808\,a\,b^{11}$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-$$

$$1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-4\,076\,863\,488\,a^5\,b^7$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

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

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+7\,644\,119\,040\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-$$

$$764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-1\,811\,939\,328\,a^6\,b^6$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8-4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8+$$

$$3\,142\,582\,272\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8+15\,854\,469\,120$$

$$a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Bigg) +$$

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

$$138\,240 a b^5 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 +$$

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

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

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

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

$$1\,528\,823\,808 a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904 b^{12}$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264 a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 +$$

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

$$\cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808 a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 -$$

$$1\,528\,823\,808 b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328 a^6 b^6$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488 a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 +$$

$$9\,003\,073\,536 a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072 a^3$$

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

$$\sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040 a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 -$$

$$764\,411\,904 b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328 a^6 b^6$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488 a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 +$$

$$3\,142\,582\,272 a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120 a^3$$

$$b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112 a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424 a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Bigg) +$$

$$\frac{1}{2}\sqrt{\left(\frac{25}{8}-\frac{33\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{16\,b\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}-\right.$$

$$\frac{33\,b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}-$$

$$\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-32\,a^2\,b^2\,\text{Cos}[\pi\alpha]-\right.$$

$$\left.72\,a\,b^3\,\text{Cos}[\pi\alpha]-36\,b^4\,\text{Cos}[\pi\alpha]+2\,a^2\,b^2\,\text{Cos}[2\,\pi\alpha]\right)\Big/$$

$$\left(6\times 2^{2/3}\,b^2\left(-3456\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6+82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+\right.\right.$$

$$138\,240\,a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+$$

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

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

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

$$248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+93\,312\,b^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\right.}$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-$$

$$764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

$$13\,504\,610\,304\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+1\,528\,823\,808\,a\,b^{11}$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-$$

$$1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-4\,076\,863\,488\,a^5\,b^7$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

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

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+7\,644\,119\,040\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-$$

$$764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-1\,811\,939\,328\,a^6\,b^6$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8-4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8+$$

$$3\,142\,582\,272\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8+15\,854\,469\,120$$

$$a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Big) -$$

$$\frac{1}{192 \times 2^{1/3} b^2}\Big(-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 + 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 \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{\Big(-764\,411\,904 a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808 a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808 b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,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\,003\,073\,536 a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072 a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320 a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040 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 - 1\,811\,939\,328 a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488 a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272 a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120 a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112 a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424 a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3} -$$

$$\left(\frac{125}{8}-\frac{-9\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+5\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-10\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{2\,b\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}-\right.$$

$$\left.\frac{5\left(33\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}{8\,b\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}\right)\Big/$$

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

$$\frac{33\,b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}+$$

$$\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-32\,a^2\,b^2\,\text{Cos}\left[\pi\alpha\right]-72\,a\,b^3\,\text{Cos}\left[\pi\alpha\right]-\right.$$

$$\left.36\,b^4\,\text{Cos}\left[\pi\alpha\right]+2\,a^2\,b^2\,\text{Cos}\left[2\,\pi\alpha\right]\right)\Big/\left(6\times 2^{2/3}\,b^2\right.$$

$$\left(-3456\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6+82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+138\,240\right.$$

$$a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+$$

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

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

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+65\,536\,a^3\,b^3\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+221\,184\,a^2\,b^4$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+93\,312\,b^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

$$\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-1\,528\,823\,808\right.}$$

$$a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

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

$$a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-$$

$$1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-4\,076\,863\,488$$

$$a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

$$29\,302\,456\,320\,a^2\,b^{10}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 7\,644\,119\,040\,a\,b^{11}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg) +$$

$$\frac{1}{192\times 2^{1/3}\,b^2}\left(-3456\,b^6\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\,\cos\left[\frac{\pi\,\alpha}{2}\right]^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^2 + 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\,\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]^{10}\,\sin\left[\frac{\pi\,\alpha}{2}\right]^2 - 1\,528\,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]^8\,\sin\left[\frac{\pi\,\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^8\,\sin\left[\frac{\pi\,\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^8\,\sin\left[\frac{\pi\,\alpha}{2}\right]^4 - 1\,811\,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\,003\,073\,536\,a^4\,b^8\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\,\cos\left[\frac{\pi\,\alpha}{2}\right]^6$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 -$$
$$764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328$$
$$a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424$$
$$a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg)\Bigg)\Bigg)\Bigg)\Bigg]^{\alpha}\cos\left[\frac{\pi\alpha}{2}\right] +$$

$$\Bigg(2^{\alpha}\,\text{ArcCos}\Bigg[-\sqrt{\left(\frac{5}{8} - \frac{1}{2}\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 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{33\,b^2\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,b\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b^2\sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2\sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \left(30\,a^2\,b^2 + 72\,a\,b^3 + 45\,b^4 - 32\,a^2\,b^2\cos[\pi\alpha] - 72\,a\,b^3\cos[\pi\alpha] - 36\,b^4\cos[\pi\alpha] + 2\,a^2\,b^2\cos[2\pi\alpha]\right)\Big/\left(6\times 2^{2/3}\,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 + 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\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]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808$$

$$
\begin{aligned}
&a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \\
&\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,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\,003\,073\,536 \\
&a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \\
&\sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + \\
&7\,644\,119\,040\, 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 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \\
&\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + \\
&3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120 \\
&a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \\
&\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg) + \\
&\frac{1}{192 \times 2^{1/3} b^2}\Bigg(-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 + 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 \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{\Bigg(-764\,411\,904\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8 \\
&\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - \\
&1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\, a^6 b^6
\end{aligned}
$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Bigg) +$$

$$\frac{1}{2}\sqrt{\left(\frac{25}{8} - \frac{33\, b \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b \sin\left[\frac{\pi\alpha}{2}\right]^2}{16\, b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{33\, b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a\, b \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \left(30\, a^2 b^2 + 72\, a\, b^3 + 45\, b^4 - 32\, a^2 b^2 \cos[\pi\alpha] - 72\, a\, b^3 \cos[\pi\alpha] - 36\, b^4 \cos[\pi\alpha] + 2\, a^2 b^2 \cos[2\pi\alpha]\right) \Big/ \left(6 \times 2^{2/3} 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 + 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 \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]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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\right.}\right)^{1/3}\right)}$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^4 + 16\,307\,453\,952\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg) -$$

$$\frac{1}{192 \times 2^{1/3} b^2}\Bigg(-3456\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\, a^2 b^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 138\,240\, a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\, a^3 b^3 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128\, a^2 b^4 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\, a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 65\,536\, a^3 b^3 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\, a^2 b^4 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 248\,832\, a\, b^5 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\, b^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + \sqrt{\Bigg(-764\,411\,904\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 16\,307\,453\,952\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^8$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 -$$
$$1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\, a^6 b^6$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$9\,003\,073\,536\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072$$
$$a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 -$$
$$764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\, a^6 b^6$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120$$
$$a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3} -$$

$$\left(\frac{125}{8} - \frac{-9\, b \cos\left[\frac{\pi\alpha}{2}\right]^2 + 5\, a \sin\left[\frac{\pi\alpha}{2}\right]^2 - 10\, b \sin\left[\frac{\pi\alpha}{2}\right]^2}{2\, b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \right.$$
$$\left. \frac{5\left(33\, b \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}{8\, b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}\right) \Big/$$
$$\left(4\sqrt{\left(\frac{25}{16} - \frac{33\, b \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b \sin\left[\frac{\pi\alpha}{2}\right]^2}{16\, b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \right.}$$
$$\frac{33\, b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a\, b \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} +$$
$$\left(30\, a^2 b^2 + 72\, a\, b^3 + 45\, b^4 - 32\, a^2 b^2 \cos[\pi\alpha] - 72\, a\, b^3 \cos[\pi\alpha] - \right.$$
$$\left. 36\, b^4 \cos[\pi\alpha] + 2\, a^2 b^2 \cos[2\pi\alpha]\right) \Big/ \left(6 \times 2^{2/3} b^2 \right.$$
$$\left(-3456\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\, a^2 b^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 138\,240\right.$$
$$a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 +$$
$$73\,728\, a^3 b^3 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128\, a^2 b^4$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\, a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 +$$

$$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]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2-1\,528\,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]^8\sin\left[\frac{\pi\alpha}{2}\right]^4+1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4-1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4-1\,811\,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\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+32\,161\,923\,072\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+7\,644\,119\,040\,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]^6-1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8-4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8+3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8+15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8+15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8+4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\right)}^{1/3}+$$

$$\frac{1}{192\times 2^{1/3}\,b^2}\left(-3456\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6+82\,944\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2+138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2+73\,728\,a^3\,b^3\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+304\,128\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+387\,072\,a\,b^5$$

$$\cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 +$$
$$65\,536\, a^3 b^3 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\, a^2 b^4 \sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$248\,832\, a\, b^5 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\, b^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$\sqrt{\left(-764\,411\,904\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,823\,808\right.$$
$$a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{10}$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 +$$
$$16\,307\,453\,952\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304$$
$$a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 -$$
$$1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488$$
$$a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040$$
$$a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^6$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 -$$
$$4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272$$
$$a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$\left.\left.4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\right)\right)^{1/3}\Bigg)\Bigg)\Bigg)\Bigg)\Bigg]^{\alpha}$$

$$\left(-\cos\left[2\,\text{ArcCos}\left[-\sqrt{\left(\frac{5}{8} - \frac{1}{2}\sqrt{\left(\frac{25}{16} - \frac{33\, b \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b \sin\left[\frac{\pi\alpha}{2}\right]^2}{16\, b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}\right.} +\right.\right.$$
$$\frac{33\, b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a\, b \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} +$$
$$\left(30\, a^2 b^2 + 72\, a\, b^3 + 45\, b^4 - 32\, a^2 b^2 \cos[\pi\alpha] -\right.$$

$$72\,a\,b^3\,\text{Cos}[\pi\,\alpha] - 36\,b^4\,\text{Cos}[\pi\,\alpha] + 2\,a^2\,b^2\,\text{Cos}[2\,\pi\,\alpha]\Big) \Big/$$

$$\Bigg(6 \times 2^{2/3}\,b^2 \Bigg(-3456\,b^6\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 82\,944\,a^2\,b^4\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^2 + 138\,240\,a\,b^5\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^2 + 58\,752\,b^6\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^2 + 73\,728\,a^3\,b^3\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 + 304\,128\,a^2\,b^4\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 + 387\,072\,a\,b^5\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 + 155\,520\,b^6\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 + 65\,536\,a^3\,b^3\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 221\,184\,a^2\,b^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 248\,832\,a\,b^5\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 93\,312\,b^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + \sqrt{\Big(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^{10}\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^2 - 1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^{10}\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^2 - 764\,411\,904\,b^{12}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^{10}\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^2 + 5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 + 16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 + 13\,504\,610\,304\,a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 + 1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 - 1\,528\,823\,808\,b^{12}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^4 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 - 4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 + 7\,644\,119\,040\,a\,b^{11}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 - 764\,411\,904\,b^{12}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^6 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^8 - 4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^8 + 3\,142\,582\,272\,a^4\,b^8\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^8 + 15\,854\,469\,120\,a^3\,b^9\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^8 + 15\,033\,434\,112\,a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^8 + 4\,586\,471\,424\,a\,b^{11}\,\text{Cos}\Big[\frac{\pi\,\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\,\alpha}{2}\Big]^8\Big)\Big)^{1/3}\Bigg) +$$

$$\frac{1}{192 \times 2^{1/3} b^2}\left(-3456\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\, a^2 b^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 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 \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]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\, a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,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\,003\,073\,536\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\, 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 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\right)\right)^{1/3}\right) +$$

$$\frac{1}{2}\sqrt{\left(\frac{25}{8}-\frac{33\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{16\,b\,\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}-\right.$$

$$\frac{33\,b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{48\,\left(b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}-$$

$$\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-32\,a^2\,b^2\,\text{Cos}[\pi\alpha]-\right.$$

$$\left.72\,a\,b^3\,\text{Cos}[\pi\alpha]-36\,b^4\,\text{Cos}[\pi\alpha]+2\,a^2\,b^2\,\text{Cos}[2\,\pi\alpha]\right)\Big/$$

$$\left(6\times 2^{2/3}\,b^2\left(-3456\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6+82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\right.\right.$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+138\,240\,a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+73\,728\,a^3\,b^3\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

$$304\,128\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+387\,072\,a\,b^5$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+155\,520\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

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

$$248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+93\,312\,b^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

$$\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-1\,528\,823\,808\right.}$$

$$a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

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

$$a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-$$

$$1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-4\,076\,863\,488$$

$$a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

$$29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+7\,644\,119\,040$$

$$a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Bigg) -$$

$$\frac{1}{192\times 2^{1/3}\,b^2}\Bigg(-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 + 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\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{\Big(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,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\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\,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$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 -$$
$$4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272$$
$$a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3} -$$
$$\left(\frac{125}{8} - \frac{-9\,b\cos\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\sin\left[\frac{\pi\alpha}{2}\right]^2 - 10\,b\sin\left[\frac{\pi\alpha}{2}\right]^2}{2\,b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} -\right.$$
$$\left.\frac{5\left(33\,b\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\sin\left[\frac{\pi\alpha}{2}\right]^2\right)}{8\,b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)}\right)\Big/$$
$$\left(4\sqrt{\left(\frac{25}{16} - \frac{33\,b\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\sin\left[\frac{\pi\alpha}{2}\right]^2}{16\,b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} +\right.\right.$$
$$\frac{33\,b^2\cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,b\sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b^2\sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2\sin\left[\frac{\pi\alpha}{2}\right]^2\right)} +$$
$$\left(30\,a^2\,b^2 + 72\,a\,b^3 + 45\,b^4 - 32\,a^2\,b^2\cos[\pi\alpha] - 72\,a\,b^3\cos[\pi\alpha] -\right.$$
$$\left.36\,b^4\cos[\pi\alpha] + 2\,a^2\,b^2\cos[2\pi\alpha]\right)\Big/\left(6\times 2^{2/3}\,b^2\right.$$
$$\left(-3456\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 +\right.$$
$$138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128$$
$$a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^2$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 +$$
$$65\,536\,a^3\,b^3\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$248\,832\,a\,b^5\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 -\right.}$$
$$1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 -$$

$$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]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}-1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^{8}\sin\left[\frac{\pi\alpha}{2}\right]^{4}-1\,811\,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\,003\,073\,536\,a^{4}\,b^{8}\cos\left[\frac{\pi\alpha}{2}\right]^{6}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+32\,161\,923\,072\,a^{3}\,b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{6}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+29\,302\,456\,320\,a^{2}\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{6}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+7\,644\,119\,040\,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}-1\,811\,939\,328\,a^{6}\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}-4\,076\,863\,488\,a^{5}\,b^{7}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}+3\,142\,582\,272\,a^{4}\,b^{8}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}+15\,854\,469\,120\,a^{3}\,b^{9}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}+15\,033\,434\,112\,a^{2}\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}+4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{8}\Bigg)\Bigg)^{1/3}\Bigg)+$$

$$\frac{1}{192\times 2^{1/3}\,b^{2}}\left(-3456\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{6}+82\,944\,a^{2}\,b^{4}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+138\,240\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+58\,752\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{2}+73\,728\,a^{3}\,b^{3}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+304\,128\,a^{2}\,b^{4}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+387\,072\,a\,b^{5}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+155\,520\,b^{6}\cos\left[\frac{\pi\alpha}{2}\right]^{2}\sin\left[\frac{\pi\alpha}{2}\right]^{4}+65\,536\,a^{3}\,b^{3}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+221\,184\,a^{2}\,b^{4}\sin\left[\frac{\pi\alpha}{2}\right]^{6}+$$

$$
\begin{aligned}
&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{\Bigg(-764\,411\,904\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,823\,808 \\
&\quad a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\, b^{12} \\
&\quad \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 \\
&\quad \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 + \\
&\quad 13\,504\,610\,304\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + \\
&\quad 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808 \\
&\quad b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\, a^6 b^6 \\
&\quad \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 \\
&\quad \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 + \\
&\quad 32\,161\,923\,072\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + \\
&\quad 29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + \\
&\quad 7\,644\,119\,040\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\, b^{12} \\
&\quad \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \\
&\quad \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + \\
&\quad 3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + \\
&\quad 15\,854\,469\,120\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + \\
&\quad 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + \\
&\quad 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg)\Bigg)\Bigg)\Bigg)\Bigg]\Bigg] + \\
&\cos\Bigg[4\,\text{ArcCos}\Bigg[-\sqrt{\left(\frac{5}{8} - \frac{1}{2}\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 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \right.\right.} \\
&\quad \left.\left.\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)} + \right.\right. \\
&\quad \left.\left.\left(30\, a^2 b^2 + 72\, a\, b^3 + 45\, b^4 - 32\, a^2 b^2 \cos[\pi\alpha] - \right.\right.\right.
\end{aligned}
$$

$$72\,a\,b^3\,\text{Cos}[\pi\alpha] - 36\,b^4\,\text{Cos}[\pi\alpha] + 2\,a^2\,b^2\,\text{Cos}[2\pi\alpha]\Big)\Big/$$

$$\Bigg(6\times 2^{2/3}\,b^2\Bigg(-3456\,b^6\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6 + 82\,944\,a^2\,b^4\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4$$
$$\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^2 + 138\,240\,a\,b^5\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^2 + 58\,752\,b^6$$
$$\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^2 + 73\,728\,a^3\,b^3\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 +$$
$$304\,128\,a^2\,b^4\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 + 387\,072\,a\,b^5$$
$$\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 + 155\,520\,b^6\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^2\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 +$$
$$65\,536\,a^3\,b^3\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 + 221\,184\,a^2\,b^4\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 +$$
$$248\,832\,a\,b^5\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 + 93\,312\,b^6\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 +$$
$$\sqrt{\Bigg(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^{10}\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^2 - 1\,528\,823\,808$$
$$a\,b^{11}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^{10}\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^2 - 764\,411\,904\,b^{12}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^{10}$$
$$\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^2 + 5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 +$$
$$16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 + 13\,504\,610\,304$$
$$a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 + 1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^8$$
$$\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 - 1\,528\,823\,808\,b^{12}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^8\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^4 -$$
$$1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 - 4\,076\,863\,488$$
$$a^5\,b^7\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 + 9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6$$
$$\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 + 32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 +$$
$$29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 + 7\,644\,119\,040$$
$$a\,b^{11}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 - 764\,411\,904\,b^{12}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^6$$
$$\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^6 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^8 -$$
$$4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^8 + 3\,142\,582\,272$$
$$a^4\,b^8\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^8 + 15\,854\,469\,120\,a^3\,b^9\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4$$
$$\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^8 + 15\,033\,434\,112\,a^2\,b^{10}\,\text{Cos}\Big[\frac{\pi\alpha}{2}\Big]^4\,\text{Sin}\Big[\frac{\pi\alpha}{2}\Big]^8 +$$

$$4\,586\,471\,424\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8\Big)\Big)^{1/3}\Big)+$$

$$\frac{1}{192\times 2^{1/3}\,b^2}\Big(-3456\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6+82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2+138\,240\,a\,b^5\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2+$$
$$58\,752\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2+73\,728\,a^3\,b^3\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4+304\,128\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4+$$
$$387\,072\,a\,b^5\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4+155\,520\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4+65\,536\,a^3\,b^3\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+221\,184\,a^2\,b^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+$$
$$248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+93\,312\,b^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+$$
$$\sqrt{\Big(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2-1\,528\,823\,808$$
$$a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2-764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4+$$
$$16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4+13\,504\,610\,304$$
$$a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4+1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4-1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4-$$
$$1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6-4\,076\,863\,488$$
$$a^5\,b^7\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+$$
$$29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6+7\,644\,119\,040$$
$$a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6-764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6-1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8-$$
$$4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8+3\,142\,582\,272$$
$$a^4\,b^8\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8+15\,854\,469\,120\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4$$
$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8+15\,033\,434\,112\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8+$$

$$4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Bigg)+$$

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

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

$$\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-32\,a^2\,b^2\cos[\pi\alpha]-\right.$$

$$72\,a\,b^3\cos[\pi\alpha]-36\,b^4\cos[\pi\alpha]+2\,a^2\,b^2\cos[2\pi\alpha]\Big)\Big/$$

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

$$\sin\left[\frac{\pi\alpha}{2}\right]^2+138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6$$

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

$$304\,128\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+387\,072\,a\,b^5$$

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

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

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

$$\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2-1\,528\,823\,808\right.}$$

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

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

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

$$a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4+1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^4-1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4-$$

$$1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6-4\,076\,863\,488$$

$$a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+9\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6$$

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

$$29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+7\,644\,119\,040$$

$$a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg) -$$

$$\frac{1}{192\times 2^{1/3}\,b^2}\Bigg(-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 + 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\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{\Bigg(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,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\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040$$

$$
\begin{aligned}
&a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\\
&\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8 -\\
&4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\\
&a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\\
&\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8 +\\
&4\,586\,471\,424\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3} -\\
&\left(\frac{125}{8} - \frac{-9\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 + 5\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 - 10\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{2\,b\,\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 + \text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)} -\right.\\
&\left.\frac{5\,\left(33\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}{8\,b\,\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 + \text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}\right)\Big/\\
&\left(4\sqrt{\left(\frac{25}{16} - \frac{33\,b\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{16\,b\,\left(\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 + \text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)} +\right.\right.\\
&\left.\frac{33\,b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{48\,\left(b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 + b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)} +\\
&\left(30\,a^2\,b^2 + 72\,a\,b^3 + 45\,b^4 - 32\,a^2\,b^2\,\text{Cos}\left[\pi\alpha\right] - 72\,a\,b^3\,\text{Cos}\left[\pi\alpha\right] -\right.\\
&\left.36\,b^4\,\text{Cos}\left[\pi\alpha\right] + 2\,a^2\,b^2\,\text{Cos}\left[2\,\pi\alpha\right]\right)\Big/\left(6\times 2^{2/3}\,b^2\right.\\
&\left(-3456\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 +\right.\\
&138\,240\,a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\\
&\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 +\\
&304\,128\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\,a\,b^5\\
&\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 +\\
&65\,536\,a^3\,b^3\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 +\\
&248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 +\\
&\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 -\right.}
\end{aligned}
$$

$$1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^{2} -$$
$$764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^{2} +$$
$$5\,860\,491\,264\, a^4\, b^8 \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} +$$
$$16\,307\,453\,952\, a^3\, b^9 \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} +$$
$$13\,504\,610\,304\, a^2\, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} +$$
$$1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} - 1\,528\,823\,808$$
$$b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} - 1\,811\,939\,328\, a^6\, b^6$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 4\,076\,863\,488\, a^5\, b^7 \cos\left[\frac{\pi\alpha}{2}\right]^{6}$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^{6} + 9\,003\,073\,536\, a^4\, b^8 \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} +$$
$$32\,161\,923\,072\, a^3\, b^9 \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} +$$
$$29\,302\,456\,320\, a^2\, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} +$$
$$7\,644\,119\,040\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 764\,411\,904$$
$$b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} - 1\,811\,939\,328\, a^6\, b^6$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} - 4\,076\,863\,488\, a^5\, b^7 \cos\left[\frac{\pi\alpha}{2}\right]^{4}$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^{8} + 3\,142\,582\,272\, a^4\, b^8 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} +$$
$$15\,854\,469\,120\, a^3\, b^9 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} +$$
$$15\,033\,434\,112\, a^2\, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} +$$
$$4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8}\Big)\Big)^{1/3}\Big) +$$
$$\frac{1}{192 \times 2^{1/3}\, b^2}\left(-3456\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^{6} + 82\,944\, a^2\, b^4 \cos\left[\frac{\pi\alpha}{2}\right]^{4}\right.$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^{2} + 138\,240\, a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 58\,752\, b^6$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 73\,728\, a^3\, b^3 \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} +$$
$$304\,128\, a^2\, b^4 \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 387\,072\, a\, b^5$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 155\,520\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} +$$

$$65\,536\,a^3\,b^3\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 +$$
$$248\,832\,a\,b^5\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 93\,312\,b^6\,\sin\left[\frac{\pi\,\alpha}{2}\right]^6 +$$
$$\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\,\alpha}{2}\right]^{10}\sin\left[\frac{\pi\,\alpha}{2}\right]^2 -\right.}$$
$$1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\,\alpha}{2}\right]^{10}\sin\left[\frac{\pi\,\alpha}{2}\right]^2 - 764\,411\,904\,b^{12}$$
$$\cos\left[\frac{\pi\,\alpha}{2}\right]^{10}\sin\left[\frac{\pi\,\alpha}{2}\right]^2 + 5\,860\,491\,264\,a^4\,b^8\cos\left[\frac{\pi\,\alpha}{2}\right]^8$$
$$\sin\left[\frac{\pi\,\alpha}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\cos\left[\frac{\pi\,\alpha}{2}\right]^8\sin\left[\frac{\pi\,\alpha}{2}\right]^4 +$$
$$13\,504\,610\,304\,a^2\,b^{10}\cos\left[\frac{\pi\,\alpha}{2}\right]^8\sin\left[\frac{\pi\,\alpha}{2}\right]^4 +$$
$$1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\,\alpha}{2}\right]^8\sin\left[\frac{\pi\,\alpha}{2}\right]^4 -$$
$$1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\,\alpha}{2}\right]^8\sin\left[\frac{\pi\,\alpha}{2}\right]^4 - 1\,811\,939\,328\,a^6$$
$$b^6\cos\left[\frac{\pi\,\alpha}{2}\right]^6\sin\left[\frac{\pi\,\alpha}{2}\right]^6 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\,\alpha}{2}\right]^6$$
$$\sin\left[\frac{\pi\,\alpha}{2}\right]^6 + 9\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\,\alpha}{2}\right]^6\sin\left[\frac{\pi\,\alpha}{2}\right]^6 +$$
$$32\,161\,923\,072\,a^3\,b^9\cos\left[\frac{\pi\,\alpha}{2}\right]^6\sin\left[\frac{\pi\,\alpha}{2}\right]^6 +$$
$$29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\,\alpha}{2}\right]^6\sin\left[\frac{\pi\,\alpha}{2}\right]^6 +$$
$$7\,644\,119\,040\,a\,b^{11}\cos\left[\frac{\pi\,\alpha}{2}\right]^6\sin\left[\frac{\pi\,\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}$$
$$\cos\left[\frac{\pi\,\alpha}{2}\right]^6\sin\left[\frac{\pi\,\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\,\alpha}{2}\right]^4$$
$$\sin\left[\frac{\pi\,\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\,\alpha}{2}\right]^4\sin\left[\frac{\pi\,\alpha}{2}\right]^8 +$$
$$3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\,\alpha}{2}\right]^4\sin\left[\frac{\pi\,\alpha}{2}\right]^8 +$$
$$15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\,\alpha}{2}\right]^4\sin\left[\frac{\pi\,\alpha}{2}\right]^8 +$$
$$15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\,\alpha}{2}\right]^4\sin\left[\frac{\pi\,\alpha}{2}\right]^8 + 4\,586\,471\,424$$
$$\left.\left.\left.\left.\left.a\,b^{11}\cos\left[\frac{\pi\,\alpha}{2}\right]^4\sin\left[\frac{\pi\,\alpha}{2}\right]^8\right)\right)^{1/3}\right)\right)\right)\right]\right]\right)\sin\left[\frac{\pi\,\alpha}{2}\right]\Bigg)\Bigg/$$
$$\left(-\sin\left[2\,\text{ArcCos}\left[-\sqrt{\left(\frac{5}{8} - \frac{1}{2}\sqrt{\left(\frac{25}{16} - \frac{33\,b\cos\left[\frac{\pi\,\alpha}{2}\right]^2 - 4\,a\sin\left[\frac{\pi\,\alpha}{2}\right]^2 + 33\,b\sin\left[\frac{\pi\,\alpha}{2}\right]^2}{16\,b\left(\cos\left[\frac{\pi\,\alpha}{2}\right]^2 + \sin\left[\frac{\pi\,\alpha}{2}\right]^2\right)} +\right.\right.\right.\right.$$

$$\frac{33\,b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 - 4\,a\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 33\,b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2 + b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)} +$$

$$\left(30\,a^2\,b^2 + 72\,a\,b^3 + 45\,b^4 - 32\,a^2\,b^2\,\text{Cos}[\pi\alpha] - 72\,a\,b^3\,\text{Cos}[\pi\alpha] - 36\,b^4\,\text{Cos}[\pi\alpha] + 2\,a^2\,b^2\,\text{Cos}[2\pi\alpha]\right) \Big/$$

$$\left(6\times 2^{2/3}\,b^2\left(-3456\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 138\,240\,a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\,a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 65\,536\,a^3\,b^3\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + \sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 +$$
$$4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Big) +$$
$$\frac{1}{192\times 2^{1/3}\,b^2}\left(-3456\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^4\right.$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^2 + 138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 +$$
$$58\,752\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\cos\left[\frac{\pi\alpha}{2}\right]^2$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 +$$
$$387\,072\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^2$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^4 + 65\,536\,a^3\,b^3\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$248\,832\,a\,b^5\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$\sqrt{\Big(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 -$$
$$1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 -$$
$$764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264\,a^4\,b^8$$
$$\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^8$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 +$$
$$1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808$$
$$b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 +$$
$$9\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072$$
$$a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^6$$
$$\sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 -$$
$$764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6$$

$$b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Big)\Big)^{1/3}\Bigg) +$$

$$\frac{1}{2}\sqrt{\left(\frac{25}{8} - \frac{33\, b \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b \sin\left[\frac{\pi\alpha}{2}\right]^2}{16\, b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \frac{33\, b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a\, b \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} - \left(30\, a^2 b^2 + 72\, a\, b^3 + 45\, b^4 - 32\, a^2 b^2 \cos[\pi\alpha] - 72\, a\, b^3 \cos[\pi\alpha] - 36\, b^4 \cos[\pi\alpha] + 2\, a^2 b^2 \cos[2\pi\alpha]\right) \Big/ \left(6 \times 2^{2/3} 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 + 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 \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]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808$$

$$b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg) -$$

$$\frac{1}{192\times 2^{1/3}\,b^2}\left(-3456\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 + 138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 65\,536\,a^3\,b^3\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\sin\left[\frac{\pi\alpha}{2}\right]^6 + 248\,832\,a\,b^5\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + \sqrt{\left(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 +$$

$$1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\, a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\, a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\, a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\, a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\, a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3} -$$

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

$$\left(4\sqrt{\left(\frac{25}{16} - \frac{33\, b \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b \sin\left[\frac{\pi\alpha}{2}\right]^2}{16\, b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2 + \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \frac{33\, b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 - 4\, a\, b \sin\left[\frac{\pi\alpha}{2}\right]^2 + 33\, b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2 \cos\left[\frac{\pi\alpha}{2}\right]^2 + b^2 \sin\left[\frac{\pi\alpha}{2}\right]^2\right)} + \left(30\, a^2 b^2 + 72\, a\, b^3 + 45\, b^4 - 32\, a^2 b^2 \cos[\pi\alpha] - 72\, a\, b^3 \cos[\pi\alpha] - 36\, b^4 \cos[\pi\alpha] + 2\, a^2 b^2 \cos[2\pi\alpha]\right) \Bigg/ \left(6 \times 2^{2/3} b^2 \left(-3456\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\, a^2 b^4 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 138\,240\, a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\, a^3 b^3 \cos\left[\frac{\pi\alpha}{2}\right]^2 \sin\left[\frac{\pi\alpha}{2}\right]^4 +\right.\right.\right.$$

$$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]^{10} \sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,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\,003\,073\,536\,a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 7\,644\,119\,040\,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 - 1\,811\,939\,328\,a^6 b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5 b^7 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4 b^8 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3 b^9 \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2 b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8\right)}^{1/3}\Bigg) + \frac{1}{192 \times 2^{1/3} b^2}\left(-3456\,b^6 \cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2 b^4 \cos\left[\frac{\pi\alpha}{2}\right]^4\right.$$

$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 + 138\,240\;a\;b^5\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 + 58\,752\;b^6$$

$$\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 + 73\,728\;a^3\;b^3\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 +$$

$$304\,128\;a^2\;b^4\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 + 387\,072\;a\;b^5$$

$$\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 + 155\,520\;b^6\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^2\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 +$$

$$65\,536\;a^3\;b^3\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 221\,184\;a^2\;b^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 +$$

$$248\,832\;a\;b^5\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 93\,312\;b^6\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 +$$

$$\sqrt{\Big(} -764\,411\,904\;a^2\;b^{10}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 -$$

$$1\,528\,823\,808\;a\;b^{11}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 - 764\,411\,904\;b^{12}$$

$$\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 + 5\,860\,491\,264\;a^4\;b^8\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8$$

$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 + 16\,307\,453\,952\;a^3\;b^9\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 +$$

$$13\,504\,610\,304\;a^2\;b^{10}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 +$$

$$1\,528\,823\,808\;a\;b^{11}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 -$$

$$1\,528\,823\,808\;b^{12}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 - 1\,811\,939\,328\;a^6$$

$$b^6\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 4\,076\,863\,488\;a^5\;b^7\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6$$

$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 9\,003\,073\,536\;a^4\;b^8\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 +$$

$$32\,161\,923\,072\;a^3\;b^9\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 +$$

$$29\,302\,456\,320\;a^2\;b^{10}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 7\,644\,119\,040$$

$$a\;b^{11}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 764\,411\,904\;b^{12}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6$$

$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 1\,811\,939\,328\;a^6\;b^6\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 -$$

$$4\,076\,863\,488\;a^5\;b^7\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 3\,142\,582\,272\;a^4$$

$$b^8\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,854\,469\,120\;a^3\;b^9\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4$$

$$\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,033\,434\,112\;a^2\;b^{10}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 +$$

$$4\,586\,471\,424\;a\;b^{11}\;\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\;\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8\Big)\Big)^{1/3}\Big)\Big)\Big)\Big)\Big)]] +$$

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

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

$$\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-32\,a^2\,b^2\cos[\pi\alpha]-\right.$$

$$\left.72\,a\,b^3\cos[\pi\alpha]-36\,b^4\cos[\pi\alpha]+2\,a^2\,b^2\cos[2\,\pi\alpha]\right)\Big/$$

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

$$138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4$$

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

$$304\,128\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+387\,072\,a\,b^5$$

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

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

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

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

$$1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2-$$

$$764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8$$

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

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

$$1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4-1\,528\,823\,808$$

$$b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4-1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6$$

$$\sin\left[\frac{\pi\alpha}{2}\right]^6-4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+$$

$$9\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+32\,161\,923\,072$$

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

$$\sin\left[\frac{\pi\alpha}{2}\right]^6+7\,644\,119\,040\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6-$$

$$764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6 b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5 b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4 b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3 b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2 b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg) +$$

$$\frac{1}{192\times 2^{1/3} b^2}\Bigg(-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 + 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\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{\Bigg(-764\,411\,904\,a^2 b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,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]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,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 +$$

$$
\begin{aligned}
&9\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+\\
&32\,161\,923\,072\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+\\
&29\,302\,456\,320\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6+\\
&7\,644\,119\,040\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6-\\
&764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6-1\,811\,939\,328\,a^6\\
&b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8-4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\\
&\sin\left[\frac{\pi\alpha}{2}\right]^8+3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8+\\
&15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8+\\
&15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8+\\
&4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg)+
\end{aligned}
$$

$$
\begin{aligned}
&\frac{1}{2}\sqrt{\left(\frac{25}{8}-\frac{33\,b\cos\left[\frac{\pi\alpha}{2}\right]^2-4\,a\sin\left[\frac{\pi\alpha}{2}\right]^2+33\,b\sin\left[\frac{\pi\alpha}{2}\right]^2}{16\,b\left(\cos\left[\frac{\pi\alpha}{2}\right]^2+\sin\left[\frac{\pi\alpha}{2}\right]^2\right)}-\right.}\\
&\frac{33\,b^2\cos\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,b\sin\left[\frac{\pi\alpha}{2}\right]^2+33\,b^2\sin\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\cos\left[\frac{\pi\alpha}{2}\right]^2+b^2\sin\left[\frac{\pi\alpha}{2}\right]^2\right)}-\\
&\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-32\,a^2\,b^2\cos[\pi\alpha]-\right.\\
&\left.72\,a\,b^3\cos[\pi\alpha]-36\,b^4\cos[\pi\alpha]+2\,a^2\,b^2\cos[2\pi\alpha]\right)\Big/\\
&\left(6\times 2^{2/3}\,b^2\left(-3456\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6+82\,944\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2+\right.\right.\\
&138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\\
&\sin\left[\frac{\pi\alpha}{2}\right]^2+73\,728\,a^3\,b^3\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+\\
&304\,128\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+387\,072\,a\,b^5\\
&\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+155\,520\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4+\\
&65\,536\,a^3\,b^3\sin\left[\frac{\pi\alpha}{2}\right]^6+221\,184\,a^2\,b^4\sin\left[\frac{\pi\alpha}{2}\right]^6+\\
&248\,832\,a\,b^5\sin\left[\frac{\pi\alpha}{2}\right]^6+93\,312\,b^6\sin\left[\frac{\pi\alpha}{2}\right]^6+\\
&\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2-\right.}
\end{aligned}
$$

$$1\,528\,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]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 1\,528\,823\,808\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} - 1\,528\,823\,808\, b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{8} \sin\left[\frac{\pi\alpha}{2}\right]^{4} - 1\,811\,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\,003\,073\,536\, a^4\, b^8 \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 32\,161\,923\,072\, a^3\, b^9 \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 29\,302\,456\,320\, a^2\, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{6} \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 7\,644\,119\,040\, 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} - 1\,811\,939\,328\, a^6\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} - 4\,076\,863\,488\, a^5\, b^7 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 3\,142\,582\,272\, a^4\, b^8 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15\,854\,469\,120\, a^3\, b^9 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 15\,033\,434\,112\, a^2\, b^{10} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8} + 4\,586\,471\,424\, a\, b^{11} \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{8}\Bigg)\Bigg)^{1/3}\Bigg) -$$

$$\frac{1}{192 \times 2^{1/3}\, b^2}\Bigg(-3456\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^{6} + 82\,944\, a^2\, b^4 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 138\,240\, a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 58\,752\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^{4} \sin\left[\frac{\pi\alpha}{2}\right]^{2} + 73\,728\, a^3\, b^3 \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 304\,128\, a^2\, b^4 \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 387\,072\, a\, b^5 \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 155\,520\, b^6 \cos\left[\frac{\pi\alpha}{2}\right]^{2} \sin\left[\frac{\pi\alpha}{2}\right]^{4} + 65\,536\, a^3\, b^3 \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 221\,184\, a^2\, b^4 \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 248\,832\, a\, b^5 \sin\left[\frac{\pi\alpha}{2}\right]^{6} + 93\,312\, b^6 \sin\left[\frac{\pi\alpha}{2}\right]^{6} +$$

$$\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 - 1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 - 764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^2 + 5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 + 13\,504\,610\,304\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^4 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 7\,644\,119\,040\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8\right)\Bigg)^{1/3} -$$

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

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

$$\frac{33\,b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2-4\,a\,b\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+33\,b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2}{48\left(b^2\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2+b^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2\right)}+$$

$$\left(30\,a^2\,b^2+72\,a\,b^3+45\,b^4-32\,a^2\,b^2\,\text{Cos}\left[\pi\alpha\right]-\right.$$

$$\left.72\,a\,b^3\,\text{Cos}\left[\pi\alpha\right]-36\,b^4\,\text{Cos}\left[\pi\alpha\right]+2\,a^2\,b^2\,\text{Cos}\left[2\,\pi\alpha\right]\right)\Big/$$

$$\left(6\times 2^{2/3}\,b^2\left(-3456\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6+82\,944\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\right.\right.$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+138\,240\,a\,b^5\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+58\,752\,b^6$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+73\,728\,a^3\,b^3\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

$$304\,128\,a^2\,b^4\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+387\,072\,a\,b^5$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+155\,520\,b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^2\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

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

$$248\,832\,a\,b^5\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+93\,312\,b^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

$$\sqrt{\left(-764\,411\,904\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-\right.}$$

$$1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2-764\,411\,904\,b^{12}$$

$$\text{Cos}\left[\frac{\pi\alpha}{2}\right]^{10}\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^2+5\,860\,491\,264\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+16\,307\,453\,952\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

$$13\,504\,610\,304\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4+$$

$$1\,528\,823\,808\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-$$

$$1\,528\,823\,808\,b^{12}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^8\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^4-1\,811\,939\,328\,a^6$$

$$b^6\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6-4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6$$

$$\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+9\,003\,073\,536\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

$$32\,161\,923\,072\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+$$

$$29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\alpha}{2}\right]^6+7\,644\,119\,040$$

$$a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^8\Bigg)\Bigg)^{1/3}\Bigg) +$$

$$\frac{1}{192\times 2^{1/3}\,b^2}\Bigg(-3456\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6 + 82\,944\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^4 \sin\left[\frac{\pi\alpha}{2}\right]^2 + 138\,240\,a\,b^5\cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 + 58\,752\,b^6 \cos\left[\frac{\pi\alpha}{2}\right]^4\sin\left[\frac{\pi\alpha}{2}\right]^2 + 73\,728\,a^3\,b^3\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 304\,128\,a^2\,b^4\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 387\,072\,a\,b^5 \cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 155\,520\,b^6\cos\left[\frac{\pi\alpha}{2}\right]^2\sin\left[\frac{\pi\alpha}{2}\right]^4 + 65\,536\,a^3\,b^3\sin\left[\frac{\pi\alpha}{2}\right]^6 + 221\,184\,a^2\,b^4\sin\left[\frac{\pi\alpha}{2}\right]^6 + 248\,832\,a\,b^5\sin\left[\frac{\pi\alpha}{2}\right]^6 + 93\,312\,b^6\sin\left[\frac{\pi\alpha}{2}\right]^6 +$$

$$\sqrt{\Bigg(-764\,411\,904\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 - 764\,411\,904\,b^{12} \cos\left[\frac{\pi\alpha}{2}\right]^{10}\sin\left[\frac{\pi\alpha}{2}\right]^2 + 5\,860\,491\,264\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^8 \sin\left[\frac{\pi\alpha}{2}\right]^4 + 16\,307\,453\,952\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 13\,504\,610\,304\,a^2\,b^{10}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 + 1\,528\,823\,808\,a\,b^{11}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,528\,823\,808\,b^{12}\cos\left[\frac{\pi\alpha}{2}\right]^8\sin\left[\frac{\pi\alpha}{2}\right]^4 - 1\,811\,939\,328\,a^6 \,b^6\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 - 4\,076\,863\,488\,a^5\,b^7\cos\left[\frac{\pi\alpha}{2}\right]^6 \sin\left[\frac{\pi\alpha}{2}\right]^6 + 9\,003\,073\,536\,a^4\,b^8\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 + 32\,161\,923\,072\,a^3\,b^9\cos\left[\frac{\pi\alpha}{2}\right]^6\sin\left[\frac{\pi\alpha}{2}\right]^6 +$$

$$29\,302\,456\,320\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 + 7\,644\,119\,040\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 764\,411\,904\,b^{12}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^6\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^6 - 1\,811\,939\,328\,a^6\,b^6\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 - 4\,076\,863\,488\,a^5\,b^7\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 3\,142\,582\,272\,a^4\,b^8\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,854\,469\,120\,a^3\,b^9\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 15\,033\,434\,112\,a^2\,b^{10}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8 + 4\,586\,471\,424\,a\,b^{11}\,\text{Cos}\left[\frac{\pi\,\alpha}{2}\right]^4\,\text{Sin}\left[\frac{\pi\,\alpha}{2}\right]^8\Big)\Big)^{1/3}\Big)\Big)\Big)\Big)\Big)\Big)\Big)\Big)^{\frac{1}{\alpha}}$$
