$\begin{array}{l}

\left(\begin{array}{c}

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,1\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,1\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,1\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,1\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }\\

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,2\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,2\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,2\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,2\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }\\

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,3\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,3\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,3\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,3\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }\\

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,4\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,4\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,4\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,4\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }\\

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,5\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,5\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,5\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,5\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }\\

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,6\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,6\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,6\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,6\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }\\

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,7\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,7\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,7\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,7\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }\\

-\frac{{\mathrm{root}\left(\sigma\_3 ,z,8\right)}^3 \,\sigma\_2 }{\sigma\_8 \,\sigma\_5 }-\frac{\mathrm{root}\left(\sigma\_3 ,z,8\right)\,\sigma\_1 }{2\,\sigma\_8 \,\sigma\_5 }-\frac{4\,{\mathrm{root}\left(\sigma\_3 ,z,8\right)}^7 \,{\sigma\_7 }^2 \,\sigma\_6 }{\sigma\_8 \,\sigma\_5 }+\frac{2\,{\mathrm{root}\left(\sigma\_3 ,z,8\right)}^5 \,\sigma\_7 \,\sigma\_4 }{\sigma\_8 \,\sigma\_5 }

\end{array}\right)\\

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\textrm{where}\\

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\;\;\sigma\_1 =-4\,{\mathrm{AB}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +4\,{\mathrm{AB}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +{\mathrm{AB}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AB}}^8 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -8\,{\mathrm{AB}}^8 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -2\,{\mathrm{AB}}^8 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -2\,{\mathrm{AB}}^8 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +2\,{\mathrm{AB}}^8 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AB}}^8 \,{{\textrm{cosa}}\_2 }^5 +4\,{\mathrm{AB}}^8 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +{\mathrm{AB}}^8 \,{{\textrm{cosa}}\_2 }^3 +4\,{\mathrm{AB}}^8 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -5\,{\mathrm{AB}}^8 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +{\mathrm{AB}}^8 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -8\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +2\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +16\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -20\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +24\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -2\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -8\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +20\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 -8\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +2\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +8\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -4\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -2\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +8\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +2\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -4\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^5 -8\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 -8\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +14\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +4\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +24\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 -6\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -48\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +36\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -48\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -24\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +18\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^5 +24\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^3 +24\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -30\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +6\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 -16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +56\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -64\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +10\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -6\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -6\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 +24\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -42\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -2\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +48\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -12\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +2\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -24\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^5 +6\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 +4\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -12\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +6\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +6\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -28\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +14\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -22\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^5 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +14\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +20\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_2 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +96\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +26\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -112\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -40\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -100\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +30\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +96\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +104\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -44\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +6\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^5 -40\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +42\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 +48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +2\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -20\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +18\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -14\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +6\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -2\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -8\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^6 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\,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^6 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +4\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +32\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +8\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 -2\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +4\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +8\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -5\,{\mathrm{AC}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AC}}^8 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 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\,{{\textrm{cosa}}\_2 }^3 +28\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +64\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -104\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 -12\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 +64\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +44\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +16\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +48\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -16\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -48\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -48\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +26\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -2\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +4\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^5 +16\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -14\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 +8\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -14\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +4\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +12\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +24\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +20\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -18\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -48\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +26\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +2\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +12\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^5 +16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 +4\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -12\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +6\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 -8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +4\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +12\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AC}}^2 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}^2 -{\mathrm{BC}}^8 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +8\,{\mathrm{BC}}^8 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -2\,{\mathrm{BC}}^8 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -2\,{\mathrm{BC}}^8 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -4\,{\mathrm{BC}}^8 \,{{\textrm{cosa}}\_2 }^5 -4\,{\mathrm{BC}}^8 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +{\mathrm{BC}}^8 \,{{\textrm{cosa}}\_2 }^3 +{\mathrm{BC}}^8 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +{\mathrm{BC}}^8 \,{\textrm{cosa}}\_2 \\

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\,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^6 +20\,{\mathrm{AB}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -15\,{\mathrm{AB}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +3\,{\mathrm{AB}}^6 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 -32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -20\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +11\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 +16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 +16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +72\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -58\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +13\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^6 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 +32\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -64\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^5 +40\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -3\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 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\,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 -8\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +32\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -20\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +9\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 +32\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -6\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -20\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +3\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^5 +11\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^5 +{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -5\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 -32\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +9\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 -20\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +29\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -9\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^5 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -40\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +20\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +80\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -40\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +28\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 -19\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 -48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +40\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -96\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +98\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -29\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^6 \,{\textrm{cosa}}\_3 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 -44\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +80\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^5 -80\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +27\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^5 -27\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +15\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 +20\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^5 -48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -25\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^3 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^6 +60\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -45\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +9\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 +12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 -40\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -20\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 -22\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +108\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -34\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^6 \,{\textrm{cosa}}\_3 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 -64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -120\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +42\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^5 -2\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +10\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^7 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^5 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 +72\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -34\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 +40\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -58\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +18\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 +4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 -24\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +32\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +8\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +12\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +14\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -9\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +9\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -5\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -9\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 -13\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +9\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^6 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^5 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +16\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 +40\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -20\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -80\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +40\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -12\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +9\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 +32\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 +32\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -24\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +40\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -46\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +15\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 +12\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^5 +40\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -17\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^5 +9\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -5\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^5 +16\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 -24\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +11\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^3 +8\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^6 -20\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +15\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -3\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^6 \,{\textrm{cosa}}\_2 -80\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^5 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -8\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 +128\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 +32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -38\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -64\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 -96\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -80\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +160\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 +13\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +64\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 +16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 +64\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 -128\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -66\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -88\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +31\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^6 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 +116\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^5 +120\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -53\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^5 +{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -5\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -20\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^5 -40\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +25\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 -20\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +29\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -9\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{{\textrm{cosa}}\_2 }^3 -8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -12\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +12\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -13\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^5 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +22\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +21\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^6 \,{\textrm{cosa}}\_3 -32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 +32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -39\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -9\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +5\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^7 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 -16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^5 +8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 -16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +17\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 +13\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -9\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 +4\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^5 \,{\textrm{cosa}}\_3 -8\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -2\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 +12\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_3 }^3 -9\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -6\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +5\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -3\,{\mathrm{BC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -{\mathrm{BC}}^6 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +5\,{\mathrm{BC}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +3\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_2 }^3 -{\mathrm{BC}}^6 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -3\,{\mathrm{BC}}^6 \,{\textrm{cosa}}\_2 \\

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\;\;\sigma\_3 =64\,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^8 +64\,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^8 +64\,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^8 -64\,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^8 -64\,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^8 -32\,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^8 -32\,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^8 -32\,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^8 +32\,{{\textrm{cosa}}\_3 }^2 \,z^8 +32\,{{\textrm{cosa}}\_2 }^2 \,z^8 +32\,{{\textrm{cosa}}\_1 }^2 \,z^8 -16\,{{\textrm{cosa}}\_3 }^4 \,z^8 -16\,{{\textrm{cosa}}\_2 }^4 \,z^8 -16\,{{\textrm{cosa}}\_1 }^4 \,z^8 -16\,z^8 -128\,{\mathrm{AB}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^3 \,z^6 -96\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^6 -96\,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^6 -32\,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^6 -96\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^6 -96\,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^6 -32\,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^6 -32\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^6 +32\,{\mathrm{AB}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^6 +32\,{\mathrm{AB}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^6 +64\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +64\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +128\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +96\,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^6 +96\,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^6 -32\,{\mathrm{AB}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^6 +64\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^6 +32\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +32\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +64\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +32\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +32\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^6 -128\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +64\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +64\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^4 \,z^6 -32\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 -32\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^6 -64\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^6 -64\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^6 +32\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^4 \,z^6 -32\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +32\,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,z^6 -64\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 -64\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^6 +32\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_3 }^4 \,z^6 +32\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,z^6 -32\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^6 +64\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^6 +64\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^6 -32\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_3 }^4 \,z^6 -32\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_2 }^4 \,z^6 +32\,{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^6 +32\,{\mathrm{BC}}^2 \,z^6 +32\,{\mathrm{AC}}^2 \,z^6 -32\,{\mathrm{AB}}^2 \,z^6 -64\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -64\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -160\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +128\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^4 -64\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^4 -64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^4 +32\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^3 \,{\textrm{cosa}}\_3 \,z^4 +32\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^3 \,z^4 -16\,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 -16\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 -16\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^4 -32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 +64\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 +64\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -48\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 -16\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -16\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -48\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -16\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -16\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 -48\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -16\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -16\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 +112\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^4 -64\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,z^4 +48\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 +48\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 -80\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 -48\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -48\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^4 \,z^4 -80\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^4 -48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^4 -48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^4 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_3 }^4 \,z^4 +40\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^2 \,z^4 +40\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,z^4 -16\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^4 \,z^4 -16\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,z^4 +8\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_3 }^2 \,z^4 +40\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_3 }^2 \,z^4 +40\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,z^4 -16\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_3 }^4 \,z^4 -16\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,z^4 +8\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^2 \,z^4 +40\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_3 }^2 \,z^4 +40\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_2 }^2 \,z^4 -16\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_3 }^4 \,z^4 -16\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_2 }^4 \,z^4 +8\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_1 }^2 \,z^4 -48\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,z^4 +48\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,z^4 +48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,z^4 -24\,{\mathrm{BC}}^4 \,z^4 -24\,{\mathrm{AC}}^4 \,z^4 -24\,{\mathrm{AB}}^4 \,z^4 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 -48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +40\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +40\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +8\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +8\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +8\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 -32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 -32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +64\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^2 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -8\,{\mathrm{BC}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 -8\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 -8\,{\mathrm{AB}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 \,z^2 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 +16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -32\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 +16\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 +16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 +16\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 +16\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 -56\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^2 -56\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,z^2 +32\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,z^2 +32\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,z^2 -16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 -16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_3 }^2 \,z^2 -8\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -24\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 +24\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -16\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 +16\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,z^2 +8\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_3 }^2 \,z^2 -8\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^2 -24\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_3 }^2 \,z^2 +24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_3 }^2 \,z^2 -16\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^2 \,z^2 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,z^2 +8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -8\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,z^2 -48\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,z^2 -8\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_2 }^2 \,z^2 -8\,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,z^2 -8\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_3 }^2 \,z^2 -8\,{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_1 }^2 \,z^2 +8\,{\mathrm{AB}}^6 \,{{\textrm{cosa}}\_3 }^2 \,z^2 +8\,{\mathrm{AB}}^6 \,{{\textrm{cosa}}\_2 }^2 \,z^2 +24\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,z^2 +24\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,z^2 +24\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,z^2 -24\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,z^2 +24\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,z^2 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,z^2 +8\,{\mathrm{BC}}^6 \,z^2 +8\,{\mathrm{AC}}^6 \,z^2 -8\,{\mathrm{AB}}^6 \,z^2 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 +8\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 -16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^4 +16\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 +8\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 +8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_1 }^2 -12\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 +12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 +12\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 -6\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^4 -4\,{\mathrm{AC}}^6 \,{\mathrm{BC}}^2 -4\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^6 -6\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^4 +4\,{\mathrm{AB}}^6 \,{\mathrm{BC}}^2 +4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^6 -6\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^4 +4\,{\mathrm{AB}}^6 \,{\mathrm{AC}}^2 +4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^6 -{\mathrm{BC}}^8 -{\mathrm{AC}}^8 -{\mathrm{AB}}^8 \\

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\;\;\sigma\_4 =-4\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -10\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +4\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 +16\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -3\,{\mathrm{AB}}^4 \,{{\textrm{cosa}}\_2 }^3 +8\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -11\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +3\,{\mathrm{AB}}^4 \,{\textrm{cosa}}\_2 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +10\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -32\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{{\textrm{cosa}}\_3 }^3 +8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^5 \,{{\textrm{cosa}}\_3 }^2 -8\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^5 +16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^4 -24\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +10\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^3 -16\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 +22\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -6\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 +4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -16\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +16\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 -16\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +6\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 +10\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -6\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 +8\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -24\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +8\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +20\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -11\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -8\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -24\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +18\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +4\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +8\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -7\,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^3 +8\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^4 -11\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +3\,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_2 +4\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^4 \,{\textrm{cosa}}\_2 -16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 +12\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^3 +4\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -10\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -24\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^4 \,{\textrm{cosa}}\_3 -8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{{\textrm{cosa}}\_3 }^3 +16\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_3 }^3 +8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^5 +8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 \,{{\textrm{cosa}}\_3 }^2 -10\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^3 -10\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +6\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 +4\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_3 -4\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -3\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 +6\,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -3\,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^3 +{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +3\,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_2 \\

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\;\;\sigma\_5 ={\mathrm{AB}}^6 \,{{\textrm{cosa}}\_2 }^2 -{\mathrm{AB}}^6 \,{{\textrm{cosa}}\_3 }^2 -2\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 -{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^2 +3\,{\mathrm{AB}}^4 \,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 -3\,{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 +{\mathrm{AB}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 +4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 -{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_2 }^2 -3\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^4 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 +4\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 -2\,{\mathrm{AB}}^2 \,{\mathrm{AC}}^2 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 -4\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 +3\,{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^2 +{\mathrm{AB}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_3 }^2 -2\,{\mathrm{AC}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 +{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_2 }^2 +{\mathrm{AC}}^6 \,{{\textrm{cosa}}\_3 }^2 +8\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 -4\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 -4\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 -2\,{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 +{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2 +{\mathrm{AC}}^4 \,{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_3 }^2 -8\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^3 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 +4\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_2 }^2 +4\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_1 }^2 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 -{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_2 }^2 -{\mathrm{AC}}^2 \,{\mathrm{BC}}^4 \,{{\textrm{cosa}}\_3 }^2 +2\,{\mathrm{BC}}^6 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 -{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_2 }^2 -{\mathrm{BC}}^6 \,{{\textrm{cosa}}\_3 }^2 \\

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\;\;\sigma\_6 ={\mathrm{AB}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -2\,{\mathrm{AB}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 +{\mathrm{AB}}^2 \,{\textrm{cosa}}\_2 +2\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 \,{\textrm{cosa}}\_2 -4\,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{{\textrm{cosa}}\_2 }^2 \,{\textrm{cosa}}\_3 -{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 +2\,{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^3 +2\,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 \,{{\textrm{cosa}}\_3 }^2 -{\mathrm{AC}}^2 \,{\textrm{cosa}}\_2 +{\mathrm{BC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_3 -{\mathrm{BC}}^2 \,{\textrm{cosa}}\_2 \\

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\;\;\sigma\_7 ={{\textrm{cosa}}\_1 }^2 -2\,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 \,{\textrm{cosa}}\_3 +{{\textrm{cosa}}\_2 }^2 +{{\textrm{cosa}}\_3 }^2 -1\\

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\;\;\sigma\_8 ={\mathrm{AB}}^2 \,{{\textrm{cosa}}\_1 }^2 -2\,{\textrm{cosa}}\_3 \,{\mathrm{AB}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 +{\mathrm{AB}}^2 \,{{\textrm{cosa}}\_2 }^2 -{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_1 }^2 +2\,{\textrm{cosa}}\_3 \,{\mathrm{AC}}^2 \,{\textrm{cosa}}\_1 \,{\textrm{cosa}}\_2 -{\mathrm{AC}}^2 \,{{\textrm{cosa}}\_2 }^2 +{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_1 }^2 -{\mathrm{BC}}^2 \,{{\textrm{cosa}}\_2 }^2

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