```
ln[1]:= ProductHermitian[v1_, v2_, \alpha_, \omega_, \tau_] :=
              Conjugate[v1]. \{\{\cos [\alpha - \omega * \tau]^2 + \sin [\omega * \tau]^2, -2 \pm \sin [\alpha] \sin [\omega * \tau]^2\},
                     \{2 \pm Sin[\alpha] Sin[\omega * \tau]^2, Cos[\alpha + \omega * \tau]^2 + Sin[\omega * \tau]^2\}\}. Transpose [v2] Sec [\alpha]^2
           Evolution = \{\{\cos[\omega * \tau - \alpha], -i * \sin[\omega * \tau]\}, \{-i * \sin[\omega * \tau], \cos[\alpha + \omega * \tau]\}\} * Sec[\alpha]
            EvolutionConjugated =
              Transpose[\{\{Cos[\omega*\tau-\alpha], i*Sin[\omega*\tau]\}, \{i*Sin[\omega*\tau], Cos[\alpha+\omega*\tau]\}\} *Sec[\alpha]]
            v1Ref = \left\{ \left\{ Cos \left[ \frac{1}{4} \left( \pi - 2 \sigma \right) \right], -i sin \left[ \frac{1}{4} \left( \pi - 2 \sigma \right) \right] \right\} \right\} 
          v2Ref = \left\{ \left\{ \cos \left[ \frac{1}{4} (\pi + 2 \sigma) \right], -i \sin \left[ \frac{1}{4} (\pi + 2 \sigma) \right] \right\} \right\}
           v1Probe = \left\{ \left\{ \cos \left[ \frac{1}{4} \left( \pi + 2 \delta \right) \right], -i \sin \left[ \frac{1}{4} \left( \pi + 2 \delta \right) \right] \right\} \right\}
          v2Probe = \left\{ \left\{ \cos \left[ \frac{1}{4} (\pi + \sigma) \right], -i * \sin \left[ \frac{1}{4} (\pi + \sigma) \right] * \exp \left[ I * \phi \right] \right\} \right\}
           v3Probe = \left\{ \left\{ \cos \left[ \frac{1}{4} \left( \pi + \sigma/2 \right) \right], -i * \sin \left[ \frac{1}{4} \left( \pi + \sigma/2 \right) \right] * \exp \left[ I * \phi \right] \right\} \right\}
Out[2] = \{ \{ \mathbf{Cos} [\alpha - \tau \omega] \ \mathbf{Sec} [\alpha], \ -i \ \mathbf{Sec} [\alpha] \ \mathbf{Sin} [\tau \omega] \}, \ \{ -i \ \mathbf{Sec} [\alpha] \ \mathbf{Sin} [\tau \omega], \ \mathbf{Cos} [\alpha + \tau \omega] \ \mathbf{Sec} [\alpha] \} \} \}
Out[3]= {\{\cos[\alpha - \tau \omega] \sec[\alpha], i \sec[\alpha] \sin[\tau \omega]\}, \{i \sec[\alpha] \sin[\tau \omega], \cos[\alpha + \tau \omega] \sec[\alpha]\}\}
Out[4]= \left\{ \left\{ \cos \left[ \frac{1}{4} \left( \pi - 2 \sigma \right) \right], -i \sin \left[ \frac{1}{4} \left( \pi - 2 \sigma \right) \right] \right\} \right\}
Out[5]= \left\{ \left\{ \cos \left[ \frac{1}{4} \left( \pi + 2 \sigma \right) \right], -i \sin \left[ \frac{1}{4} \left( \pi + 2 \sigma \right) \right] \right\} \right\}
Out[6]= \left\{ \left\{ \cos \left[ \frac{1}{4} \left( \pi + 2 \delta \right) \right], -i \sin \left[ \frac{1}{4} \left( \pi + 2 \delta \right) \right] \right\} \right\}
Out[7]= \left\{ \left\{ \cos \left[ \frac{\pi + \sigma}{4} \right], -i e^{i \phi} \sin \left[ \frac{\pi + \sigma}{4} \right] \right\} \right\}
Out[8]= \left\{ \left\{ \cos \left[ \frac{1}{4} \left( \pi + \frac{\sigma}{2} \right) \right], -i e^{i \phi} \sin \left[ \frac{1}{4} \left( \pi + \frac{\sigma}{2} \right) \right] \right\} \right\}
 ln[9] = cosFirst = (Abs[ProductHermitian[v1Ref, v1Probe, <math>\alpha, \omega, \tau]])^2
                 (ProductHermitian[v1Ref, v1Ref, \alpha, \omega, \tau] * ProductHermitian[v1Probe, v1Probe, \alpha, \omega, \tau])
           cosSecond = (Abs[ProductHermitian[v1Ref, v2Probe, \alpha, \omega, \tau]])^2/
                 (ProductHermitian [v1Ref, v1Ref, α, ω, τ] * ProductHermitian [v2Probe, v2Probe, α, ω, τ])
           cosThird = (Abs[ProductHermitian[v1Ref, v3Probe, \alpha, \omega, \tau]])^2/
                 (ProductHermitian [v1Ref, v1Ref, \alpha, \omega, \tau] * ProductHermitian [v3Probe, v3Probe, \alpha, \omega, \tau])
```

$$\begin{aligned} & \operatorname{code}_{||} \left\{ \left[\operatorname{Abs} \left[\operatorname{Sec} \left[a \right]^2 \left(\cos \left[\frac{1}{4} \left(\pi - \frac{\sigma}{2} \right] \right] \left(\cos \left[\frac{1}{4} \left(\pi - 2 \operatorname{Conjugate} \left[\sigma \right) \right] \right) \right] \cdot \operatorname{Cos} \left[a - \tau \omega \right]^2 + \operatorname{Sin} \left[\tau \omega \right]^2 \right) - 2 \operatorname{Sin} \left[\alpha \right] \operatorname{Sin} \left[\tau \omega \right]^2 \operatorname{Sin} \left[\frac{1}{4} \left(\pi - 2 \operatorname{Conjugate} \left[\sigma \right) \right] \right] \right] - \operatorname{i} c^{1\theta} \operatorname{Sin} \left[\frac{1}{4} \left(\pi - \frac{\sigma}{2} \right) \right] \left(2 \operatorname{i} \operatorname{Cos} \left[\frac{1}{4} \left(\pi - 2 \operatorname{Conjugate} \left[\sigma \right) \right] \right) \right] \operatorname{Sin} \left[\pi \right] \operatorname{Sin} \left[\tau \omega \right]^2 + \operatorname{i} \left(\operatorname{Cos} \left[\alpha + \tau \omega \right)^2 + \operatorname{Sin} \left[\tau \omega \right]^2 \right) \operatorname{Sin} \left[\frac{1}{4} \left(\pi - 2 \operatorname{Conjugate} \left[\sigma \right) \right] \right] \right) \right]^2 \operatorname{Cos} \left[\alpha \right]^4 \right] \\ & + \left[\left(\operatorname{Cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \right] \left(\operatorname{Cos} \left[\frac{1}{4} \left(\pi - 2 \operatorname{Conjugate} \left[\sigma \right) \right] \right) \right] \right) - \operatorname{cos} \left[\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \right] \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \right] \operatorname{conjugate} \left[\sigma \right] \right) \right] \right) \right] - \operatorname{cos} \left[\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \right] \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \right] \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \right] \operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \operatorname{conjugate} \left[\sigma \right] \right) \right] \right) \right] \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \operatorname{conjugate} \left[\sigma \right] \right) \right) \right) \right) \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \operatorname{conjugate} \left[\sigma \right] \right) \right) \right) \right) \right) \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + \frac{\operatorname{conjugate} \left[\sigma \right]}{2 \operatorname{conjugate} \left[\sigma \right]} \right) \right) \operatorname{cos} \left[\operatorname{cos} \left[\pi + \operatorname{conjugate} \left[\sigma \right] \right) \right) \right) \right) \right) \right) \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + 2 \sigma \right) \right) \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + 2 \sigma \right) \operatorname{conjugate} \left[\sigma \right] \right) \right) \right) \right) \right) \right) \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + 2 \sigma \right) \right) \right) \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \operatorname{conjugate} \left[\sigma \right] \right) \right) \right) \right) \right) \right) \right) \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + 2 \sigma \right) \right) \right) \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \operatorname{conjugate} \left[\sigma \right] \right) \right) \right) \right) \right) \right) \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + 2 \sigma \right) \right) \left[\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \operatorname{cos} \left[\sigma \right] \right) \right) \right) \right) \right) \right) \right) \\ & + \operatorname{i} \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi + 2 \sigma \right) \right) \right) \left(\operatorname{cos} \left[\frac{1}{4} \left(\pi - 2 \sigma \right) \left(\operatorname{$$

$$\begin{aligned} &\cos \left[\alpha\right]^{4} \middle/ \left(\left| \cos \left[\frac{1}{4} \left(\pi + 2 \, \delta\right) \right] \left| \cos \left[\frac{1}{4} \left(\pi + 2 \, \text{Conjugate} \left[\delta\right) \right] \right| \right) \right| \\ &- \left(\cos \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}} \right] \right]^{2} + \frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right) - \\ &- \frac{2 \cos \left[\alpha\right]^{2} \cos \left[\sigma\right] \sin \left[\alpha\right] \sin \left[\frac{1}{4} \left(\pi + 2 \, \text{Conjugate} \left[\delta\right]\right)\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right) - \\ &- \frac{2 \sin \left[\frac{1}{4} \left(\pi + 2 \, \delta\right)\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right) - \\ &- \frac{2 \sin \left[\frac{1}{4} \left(\pi + 2 \, \delta\right)\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] - \frac{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] + \frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \\ &- \sin \left[\frac{1}{4} \left(\pi + 2 \, \cos\right)\right] \left(\cos \left[\frac{1}{4} \left(\pi - 2 \, \cos\right)\right] \sin \left[\alpha\right]\right) \right] \\ &- \cos \left[\alpha\right]^{2} \cos \left[\sigma\right] \sin \left[\alpha\right] \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\right) \sin \left[\alpha\right]^{2}\right] \\ &- \frac{2 \cos \left[\alpha\right]^{2} \cos \left[\sigma\right] \sin \left[\alpha\right] \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\right) \sin \left[\alpha\right]^{2}\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]} - \frac{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \sigma\right)\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} - \frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \sigma\right)\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\right]\left[\frac{1}{2} \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \sigma\right)\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\right]\left[\frac{1}{4} \left(\pi - 2 \, \cos\left[\sigma\right] \sin \left[\alpha\right]^{2}\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\right]\left[\frac{1}{4} \left(\pi - 2 \, \cos\left[\sigma\right] \sin \left[\alpha\right]^{2}\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\right]\left[\frac{1}{4} \left(\pi - 2 \, \cos\left[\sigma\right] \sin \left[\alpha\right]^{2}\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\left[\sigma\right] \cos \left[\sigma\right] \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\left[\sigma\right] \cos \left[\sigma\right]}{2 \sin \left[\sigma\right] - 2 \cos \left[\sigma\right] \sin \left[\sigma\right]} \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\left[\sigma\right] \cos \left[\sigma\right]}{2 \sin \left[\sigma\right] - 2 \cos \left[\sigma\right]} \right] \right] \\ &- \frac{1 \sin \left[\frac{1}{4} \left(\pi - 2 \, \cos\left[\sigma\right] \cos \left[\sigma$$

$$\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2}}]^2 + \frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2} - \frac{2\cos[\alpha]^2\cos[\sigma]\sin[\alpha]\sin[\frac{1}{4}\left(\pi - 2\cos[\sigma]\sin[\alpha]\right)]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2} - \frac{2\cos[\alpha]^2\cos[\sigma]\sin[\alpha]\sin[\alpha]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2} + \frac{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2} + \frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2} + \frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2} - \frac{\cos[\alpha]^2\cos[\sigma]\sin[\alpha]^2}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^2} - \frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]^2\cos[\sigma]} - \frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]^2\cos[\sigma]} - \frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]^2\cos[\sigma]}$$

$$\begin{split} &\mathbf{i} \, e^{\mathbf{i} \, \mathbf{s}} \, \mathrm{Sin} \left[\frac{\pi + \sigma}{4} \right] - \frac{2 \, \mathbf{i} \, \mathrm{cos} \left[\alpha \right]^2 \, \mathrm{cos} \left[\sigma \right] \, \mathrm$$

$$i \left[\cos \left[\alpha + \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right]^2 + \frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \right]$$

$$\sin \left[\frac{1}{4} \left(\pi - 2 \operatorname{Conjugate} [\sigma] \right) \right] \right) \left[\cos \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \left(\cos \left[\frac{1}{4} \left(\pi + \frac{\cos [\alpha]^2 \cos [\sigma]}{2} \right) \right] \right) \right]$$

$$\left[\cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right]^2 + \frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \right] \right]$$

$$\frac{2 e^{-4 \operatorname{Conjugate} \{\sigma\}} \cos \left[\alpha \right]^2 \operatorname{Cos} [\sigma] \sin [\alpha] \sin \left[\frac{1}{4} \left(\pi + \frac{\operatorname{Conjugate} \{\sigma\}}{2} \right) \right] }{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \right]$$

$$\frac{1}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \right]$$

$$\frac{1}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \left[\cos \left[\frac{1}{4} \left(\pi + \frac{\operatorname{Conjugate} \{\sigma\}}{2} \right) \right] \right]$$

$$\frac{1}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \right]$$

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$$\frac{1}{2 \sin [\alpha] - 2 \cos [\alpha] \sin [\alpha]^2$$

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2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 + 2
                                            2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos [2 \alpha] +
                                                                                              2 Cos [2 \tau \omega] - Cos [2 \alpha - 2 \tau \omega] - Cos [2 \alpha + 2 \tau \omega] ) Sin [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup>)
                          \sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                                                             N0 Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                            \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
               \left(8\sqrt{N0^{2}\left(6+2\cos{[2\,\alpha]}-2\cos{[2\,\tau\,\omega]}+\cos{[2\,\alpha-2\,\tau\,\omega]}+\cos{[2\,\alpha+2\,\tau\,\omega]}\right)\,\sin{[\alpha]^{2}}\sin{[\tau\,\omega]^{2}}}\right) +
            \left( 4\ \mathsf{N0} - 2\ \mathsf{N0}\ \mathsf{Cos}\ [\ 2\ \tau\ \omega\ ] \ + \ \mathsf{N0}\ \mathsf{Cos}\ [\ 2\ \alpha - 2\ \tau\ \omega\ ] \ + \ \mathsf{N0}\ \mathsf{Cos}\ [\ 2\ \alpha + 2\ \tau\ \omega\ ] \ - \ 2\ \mathsf{N0}\ \mathsf{Cos}\ [\ \alpha - \tau\ \omega\ ] \ ^2\ \mathsf{Sec}\ [\ \alpha\ ]^\ ^2 - \ \mathsf{N0}\ \mathsf{
                                            2 N0 Cos [2 \alpha] Cos [\alpha - \tau \omega]<sup>2</sup> Sec [\alpha]<sup>2</sup> – 2 N0 Sec [\alpha]<sup>2</sup> Sin [\tau \omega]<sup>2</sup> –
                                            2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6 - 2 \cos [2 \alpha] + \cos (-6 - 2 \cos [2 \alpha])))}
                                                                                              2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                            \sqrt{\frac{1}{1+\cos[2\alpha]}}\left(-2+4\,\text{N0}-2\,\cos[2\,\alpha]-2\,\text{N0}\,\cos[2\,\tau\,\omega]+\text{N0}\,\cos[2\,\alpha-2\,\tau\,\omega]+\right.
                                                            N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                            \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
             \left(8\,\sqrt{\,\text{NO}^2\,\left(6+2\,\text{Cos}\,[\,2\,\alpha]\,-2\,\text{Cos}\,[\,2\,\tau\,\omega]\,+\,\text{Cos}\,[\,2\,\alpha\,-\,2\,\tau\,\omega]\,+\,\text{Cos}\,[\,2\,\alpha\,+\,2\,\tau\,\omega]\,\right)\,\,\text{Sin}\,[\,\alpha\,]^{\,2}\,\,\text{Sin}\,[\,\tau\,\omega\,]^{\,2}}\,\right)\,,
i \cos [\alpha] \cot [\alpha] \csc [\tau \omega]^2 \left(-4 \text{ N0} + 2 \text{ N0} \cos [2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} \cos [2 \alpha - 2 \tau \omega] - \text{N0} - \text
                                           N0 Cos [2 \alpha + 2 \tau \omega] + 2 N0 Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> +
                                           2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 N0 Cos [2\alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 \sqrt{2}\sqrt{(-N0^2(-6-2\cos[2\alpha]+1)^2)}
                                                                                             2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2}
                          \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left(-2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{2} \cos[2\alpha] +
                                                            N0 Cos [ 2 \alpha + 2 \tau \omega ] - 2 \sqrt{2} \sqrt{ (N0<sup>2</sup> (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                                                                                             \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                              ig( 4 \ NO - 2 \ NO \ Cos \ [2 \ 	au \ \omega] + NO \ Cos \ [2 \ lpha - 2 \ 	au \ \omega] + NO \ Cos \ [2 \ lpha + 2 \ 	au \ \omega] -
                                          2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2 \alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                            2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 – 2 N0 Cos [2 \alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                            2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                                             \operatorname{Sin}[\alpha]^{2} \operatorname{Sin}[\tau \omega]^{2})) \bigg| \bigg/ \bigg(32 \operatorname{N0} (1 + \operatorname{Cos}[2 \alpha])\bigg)
                          \sqrt{N0^2 \left(6 + 2 \cos \left[2 \alpha\right] - 2 \cos \left[2 \tau \omega\right] + \cos \left[2 \alpha - 2 \tau \omega\right] + \cos \left[2 \alpha + 2 \tau \omega\right]\right) \sin \left[\alpha\right]^2 \sin \left[\tau \omega\right]^2}
      \Big| i Cos [\alpha] Cot [\alpha] Csc [\tau \omega]^2 \Big| 4 N0 - 2 N0 Cos [ 2 \tau \omega] + N0 Cos [ 2 \alpha - 2 \tau \omega] + N0 Cos [ 2 \alpha + 2 \tau \omega] -
                                            2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 - 2
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2 N0 Cos [2 \alpha] Sec [\alpha] ^2 Sin [\tau \omega] ^2 + 2 \sqrt{2} \sqrt{\left(-\text{N0}^2\left(-6-2\cos\left[2\,\alpha\right]\right.+\right)}
                                                                                       2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                  \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \frac{1}{2} \,\cos[2\alpha] + \frac
                                                             NØ Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                   Cos[2\alpha - 2\tau\omega] + Cos[2\alpha + 2\tau\omega]) Sin[\alpha]^2 Sin[\tau\omega]^2)
                                     \left( – 4 N0 + 2 N0 Cos [ 2 	au \omega ] \, – N0 Cos [ 2 lpha – 2 	au \omega ] \, – N0 Cos [ 2 lpha + 2 	au \omega ] \, +
                                               2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2
                                               2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 N0 Cos [2\alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                               2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                                        \operatorname{Sin}[\alpha]^{2} \operatorname{Sin}[\tau \omega]^{2}) \bigg) \bigg/ \bigg(32 \operatorname{NØ} (1 + \operatorname{Cos}[2 \alpha]) \bigg)
                                 \sqrt{\,\text{NO}^2\,\left(6+2\,\text{Cos}\,[\,2\,\alpha\,]\,-2\,\text{Cos}\,[\,2\,\tau\,\omega\,]\,+\text{Cos}\,[\,2\,\alpha\,-\,2\,\tau\,\omega\,]\,+\text{Cos}\,[\,2\,\alpha\,+\,2\,\tau\,\omega\,]\,\right)\,\text{Sin}\,[\,\alpha\,]^{\,2}\,\text{Sin}\,[\,\tau\,\omega\,]^{\,2}\,}\,\Big)\,\Big\}\,,
\left\{-\left(\left[\pm N0\left(1+\cos\left[2\,\alpha\right]\right)\right.\right.\right.\right.\right.\right.\right.\right.\right.\right.\right.\right.\right.\right.\left.\left.\left.\left(\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N0-2\cos\left[2\,\alpha\right]-2\,N0\cos\left[2\,\tau\,\omega\right]\right.\right.\right.\right.\right.\right.\right.\right.\right.\right.
                                                                        NØ Cos [ 2 \alpha – 2 \tau \omega ] + NØ Cos [ 2 \alpha + 2 \tau \omega ] – 2 \sqrt{2} \sqrt{ (NØ^2 (6 + 2 Cos [ 2 \alpha ] – 2 Cos [ 2 \tau \omega ] +
                                                                                                                \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2) Tan [\alpha]
                                               \sqrt{\text{NO}^2 \left(6+2 \cos \left[2 \alpha\right]-2 \cos \left[2 \tau \omega\right]+\cos \left[2 \alpha-2 \tau \omega\right]+\cos \left[2 \alpha+2 \tau \omega\right]\right) \sin \left[\alpha\right]^2 \sin \left[\tau \omega\right]^2}
                                               \left| \begin{array}{c} \\ \end{array} \right| + \left[ i \ \mathsf{NØ} \left( 1 + \mathsf{Cos} \left[ 2 \, \alpha \right] \right) \, \mathsf{Sec} \left[ \alpha \right] \, \mathsf{Sin} \left[ \tau \, \omega \right]^{2} \right]
                                 \sqrt{\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\,\tau\,\omega] + \text{N0} \,\cos[2\,\alpha - 2\,\tau\,\omega] + \right)}
                                                           NØ Cos [ 2 \alpha + 2 \tau \omega ] + 2 \sqrt{2} \sqrt{ (NØ^2 (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                                                                                  \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                         \left(2\sqrt{\mathsf{N0^2}\left(6+2\mathsf{Cos}\left[2\,lpha
ight]-2\mathsf{Cos}\left[2\,	au\,\omega
ight]+\mathsf{Cos}\left[2\,lpha-2\,	au\,\omega
ight]+\mathsf{Cos}\left[2\,lpha+2\,	au\,\omega
ight]
ight)\,\mathsf{Sin}\left[lpha
ight]^2\mathsf{Sin}\left[	au\,\omega
ight]^2}
ight),
        \sqrt{\left(\frac{1}{1 + \cos\left[2\,\alpha\right]}\left(-2 + 4\,\mathsf{N0} - 2\,\cos\left[2\,\alpha\right] - 2\,\mathsf{N0}\,\cos\left[2\,\tau\,\omega\right] + \mathsf{N0}\,\cos\left[2\,\alpha - 2\,\tau\,\omega\right] + \right)}
                                                           NØ Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                   \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                    (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \alpha - 2 \tau \omega] + \text{NØ Cos} [2 \alpha + 2 \tau \omega] - 2 \text{ NØ Cos} [\alpha - \tau \omega]^2 \text{ Sec} [\alpha]^2 - (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + \text{NØ Cos} [2 \tau \omega]^2 + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 \text{ NØ} - 2 \text{ NØ Cos} [2 \tau \omega] + (4 
                                               2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> – 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> –
                                               2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] + 2 \cos [2 \alpha]))}
                                                                                      \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                       \left(8\sqrt{N0^{2}\left(6+2\cos{[2\,\alpha]}-2\cos{[2\,\tau\,\omega]}+\cos{[2\,\alpha-2\,\tau\,\omega]}+\cos{[2\,\alpha+2\,\tau\,\omega]}\right)\,\sin{[\alpha]}^{2}\sin{[\tau\,\omega]}^{2}}\right) +
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$$\left(\sqrt{\left(\frac{1}{1 + \cos \left[2 \, \alpha \right]} \left[-2 + 4 \, N\theta - 2 \, \cos \left[2 \, \alpha \right] - 2 \, N\theta \, \cos \left[2 \, \alpha \, \omega \right] + N\theta \, \cos \left[2 \, \alpha - 2 \, \alpha \, \omega \right] + N\theta \, \cos \left[2 \, \alpha + 2 \, \tau \, \omega \right] + 2 \, \sqrt{2} \, \sqrt{\left(N\theta^2 \left(6 + 2 \, \cos \left[2 \, \alpha \right] - 2 \, \cos \left[2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, \sqrt{2} \, \sqrt{\left(N\theta^2 \left(6 + 2 \, \cos \left[2 \, \alpha \right] - 2 \, \cos \left[2 \, \tau \, \omega \right] + 2 \, \lambda \right) + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] - N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] - N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] - N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, N\theta \, \left[\alpha \, \left[2 \, \cos \left[2 \, \alpha \right] - 2 \, \cos \left[2 \, \tau \, \omega \right] + 2 \, \cos \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha - 2 \, \tau \, \omega \right] \right] + 2 \, N\theta \, \left[\alpha \, \left[2 \, \alpha + 2 \, \alpha \, \omega \right] \right] \right] \right) \right) \right) \right) \right)$$

$$N\theta \cos [2\alpha + 2\tau\omega] + 2\sqrt{2} \sqrt{(N\theta^2 (6 + 2\cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega])} \sin[\alpha]^2 \sin[\tau\omega]^2)))$$

$$\left(-4N\theta + 2N\theta \cos[2\tau\omega] - N\theta \cos[2\alpha - 2\tau\omega] - N\theta \cos[2\alpha + 2\tau\omega] + 2N\theta \cos[\alpha - \tau\omega]^2 \sec[\alpha]^2 + 2N\theta \sec[\alpha]^2 + 2N\theta \cos[\alpha - \tau\omega]^2 \sec[\alpha]^2 + 2N\theta \cos[\alpha]^2 + 2N\theta \cos[\alpha - \tau\omega]^2 \sec[\alpha]^2 + 2N\theta \cos[\alpha]^2 - 2N\theta \cos[\alpha - \tau\omega]^2 \sin[\tau\omega]^2) + 2N\theta \cos[\alpha]^2 - 2(\cos[\alpha + 2\tau\omega]) \sin[\alpha]^2 \sin[\tau\omega]^2)) \right) /$$

$$2N\theta \cos[2\alpha + 2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega]) \sin[\alpha]^2 \sin[\tau\omega]^2)) \right) /$$

$$32N\theta (1 + \cos[2\alpha]) \sqrt{(N\theta^2 (6 + 2\cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega])} \sin[\alpha]^2 \sin[\tau\omega]^2)) \right) /$$

$$\cos[\frac{1}{4} (\pi + 2\delta)] \left[\cos(\alpha - \tau\omega) \sec[\alpha] \left(\left[\left(-4N\theta + 2N\theta \cos[2\tau\omega] - N\theta \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right) \right) \right] \right] /$$

$$\cos[\frac{1}{4} (\pi + 2\delta)] \left[\cos(\alpha - \tau\omega) \sec[\alpha] \left(\left[\left(-4N\theta + 2N\theta \cos[2\tau\omega] - N\theta \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right) \right] \right] \right] /$$

$$\cos[\frac{1}{4} (\pi + 2\delta)] \left[\cos(\alpha - \tau\omega) \sec[\alpha] \left(\sin[\alpha - \tau\omega]^2 \sec[\alpha]^2 + 2N\theta \cos[2\alpha] + 2\pi\omega] \right] \right] /$$

$$\cos[2\alpha + 2\tau\omega] + 2N\theta \cos[\alpha - \tau\omega]^2 \sec[\alpha]^2 + 2N\theta \cos[\alpha]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 + 2N\theta \cos[\alpha]^2 \sin[\tau\omega]^2 + 2N\theta \cos[\alpha]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 + 2N\theta \cos[\alpha]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 + 2N\theta \cos[\alpha]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 + 2N\theta \cos[\alpha]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[\tau\omega]^2 \sin[$$

$$\sqrt{\left(\frac{1}{1 + \cos\left(2\alpha\right)} \left(-2 + 4\,N\theta - 2\cos\left(2\alpha\right) - 2\,N\theta\cos\left(2\,\tau\,\omega\right) + N\theta\cos\left(2\,\alpha - 2\,\tau\,\omega\right) + N\theta\cos\left(2\alpha + 2\,\tau\,\omega\right) - 2\,\sqrt{2}\,\sqrt{\left(N\theta^2\left(6 + 2\cos\left(2\alpha\right) - 2\cos\left(2\,\tau\,\omega\right) + N\theta\cos\left(2\alpha - 2\,\tau\,\omega\right) + N\theta\cos\left(2\alpha\right) - 2\cos\left(2\,\tau\,\omega\right) + N\theta\cos\left(2\alpha - 2\,\tau\,\omega\right)\right)} \right) } \right) } \\ = \cos\left(2\alpha - 2\,\tau\,\omega\right) + \cos\left(2\alpha - 2\,\tau\,\omega\right) + \sin\left(2\alpha\right)^2 \sin\left(\tau\,\omega\right)^2\right) \right)$$

$$\left(4\,N\theta - 2\,N\theta\cos\left(2\,\tau\,\omega\right) + N\theta\cos\left(2\alpha - 2\,\tau\,\omega\right) + N\theta\cos\left(2\alpha + 2\,\tau\,\omega\right) - 2\,N\theta\cos\left(\alpha\right)^2 - 2\,N\theta\cos\left(\alpha\right)^2 - 2\,N\theta\cos\left(2\alpha\right)^2 - 2\,N\theta\cos\left(2\alpha\right) - 2\cos\left(2\,\tau\,\omega\right) + \cos\left(2\alpha\right) + \cos\left(2\alpha\right) + \cos\left(2\alpha\right)^2 + \cos\left(2\alpha\right)^2 - 2\,\tau\,\omega\right) + \cos\left(2\alpha\right)^2 + \cos\left($$

$$\left(\sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \cos[2\alpha] - 2 \, N\theta \cos[2\alpha] + N\theta \cos[2\alpha - 2 \, \tau \omega] + N\theta \cos[2\alpha - 2 \, \tau \omega] + 2 \, \sqrt{2} \, \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2 \cos[2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right) \right)} \right) } \right)$$

$$\left(-4 \, N\theta + 2 \, N\theta \cos[2\tau\omega] - N\theta \cos[2\alpha + 2\tau\omega] \right) \sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right)$$

$$\left(-4 \, N\theta + 2 \, N\theta \cos[2\tau\omega] - N\theta \cos[2\alpha - 2\tau\omega] - N\theta \cos[2\alpha + 2\tau\omega] \right)$$

$$2 \, N\theta \cos[\alpha - \tau\omega]^2 \sec[\alpha]^2 + 2 \, N\theta \cos[2\alpha] \cos[\alpha - \tau\omega]^2 \sec[\alpha]^2 + 2 \, N\theta \sec[\alpha]^2 \\ \sin[\tau\omega]^2 + 2 \, N\theta \cos[2\alpha] \sec[\alpha]^2 \sin[\tau\omega]^2 + 2 \, \sqrt{2} \, \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right) \sin[\alpha]^2 \sin[\tau\omega]^2 \right)} \right) \right)$$

$$\left(8 \, \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right) \sin[\alpha]^2 \sin[\tau\omega]^2 \right)} \right) \right)$$

$$\left(8 \, \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right) \sin[\alpha]^2 \sin[\tau\omega]^2 \right)} \right)$$

$$\left(-2 + 4 \, N\theta - 2 \cos[2\alpha] - 2 \, N\theta \cos[2\tau\omega] + N\theta \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) +$$

$$\left(\cos[\alpha - \tau\omega] + \cos[2\alpha] - 2 \, N\theta \cos[2\tau\omega] + N\theta \cos[2\alpha - 2\tau\omega] + \cos[2\alpha] \right) \right)$$

$$\left(2 \, \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right) \right)} \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) +$$

$$\left(i \, N\theta \left(1 + \cos[2\alpha] \right) \sec[\alpha] \sin[\tau\omega]^2 \right) \left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2\cos[2\alpha + 2\tau\omega] \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) \right) +$$

$$\left(i \, N\theta \left(1 + \cos[2\alpha] \right) \sec[\alpha] \sin[\tau\omega]^2 \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) \right) - i \sin[\frac{1}{4} \left(\pi + 2 \, \theta \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) \right) - i \sin[\frac{1}{4} \left(\pi + 2 \, \theta \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) \right) - i \sin[\frac{1}{4} \left(\pi + 2 \, \theta \right) \right)$$

$$\left(2 \, N\theta^2 \left(6 + 2\cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) \right) - i \sin[\frac{1}{4} \left(\pi + 2 \, \theta \right) \right)$$

$$\left(\cos[\alpha + \tau\omega] \sec[\alpha] \left(\left[\sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2\cos[2\alpha + 2\tau\omega] \right) \right) \right)$$

$$\left(4 \, N\theta - 2 \, N\theta \cos[2\alpha] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha + 2\tau\omega] \right)$$

$$\sin[\alpha]^2 \sin[\tau\omega]^2 \right) \right) \right)$$

$$\left(4 \, N\theta - 2 \, N\theta \cos[2\alpha] + \cos[2\alpha] + 2 \, \omega \cos[2\alpha] + 2 \, \omega \cos[2\alpha] - 2 \, N\theta \cos[2\alpha] + 2 \, \omega \cos[2\alpha] - 2 \, N\theta \cos[2\alpha] + 2 \, \omega \cos[2\alpha] \right)$$

$$\left(4 \, N\theta - 2 \, N\theta \cos[2\alpha] + 2 \, N\theta \cos[2\alpha] + 2 \, \omega \sin[2\alpha] \right)$$

$$\left(4 \, N\theta - 2 \, N\theta \cos[2\alpha] + 2 \, N\theta \cos[2\alpha] + 2 \, \omega \cos[2\alpha] + 2 \, \omega \cos[2\alpha] - 2 \, N\theta \cos[2\alpha] + 2 \, \omega \cos[2\alpha] \right)$$

$$\left(4 \, N\theta - 2 \, N\theta \cos[2\alpha] + 2 \, N\theta \cos[2\alpha] + 2 \, \omega \cos[2\alpha]$$

$$\left| \sqrt{\left(\frac{1}{1 + \cos [2\,\alpha]} \left\{ -2 + 4\,N\theta - 2\cos[2\,\alpha] - 2\,N\theta \cos[2\,\tau\,\omega] + N\theta \cos[2\,\alpha - 2\,\tau\,\omega] + N\theta \cos[2\,\alpha + 2\,\tau\,\omega] + 2\,\sqrt{2}\,\sqrt{\left(N\theta^2\left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha$$

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\cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                                       \left( - 4 N0 + 2 N0 Cos \left[ 2 \tau \omega\right] - N0 Cos \left[ 2 \alpha - 2 \tau \omega\right] - N0 Cos \left[ 2 \alpha + 2 \tau \omega\right] +
                                                                                  2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Sec [\alpha]^2
                                                                                        \sin[\tau \omega]^2 + 2 \text{ N0 } \cos[2\alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(\text{N0}^2 (6 + 2 \cos[2\alpha] - \text{N0}^2)^2 + 2 \cos[2\alpha])}
                                                                                                                             2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]  \sin [\alpha]^2 \sin [\tau \omega]^2  )
                                                      (32 \text{ N0 } (1 + \cos[2 \alpha]) \sqrt{(\text{N0}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \tau \omega] + \cos[2 \alpha - 2 \tau \omega] + \cos[2 \alpha])}
                                                                                                      Cos[2\alpha + 2\tau\omega]) Sin[\alpha]^2 Sin[\tau\omega]^2)) +
\cos\left[\frac{\pi+\sigma}{4}\right] \left[\cos\left[\alpha-\tau\;\omega\right]\,\sec\left[\alpha\right]\,\left(\left(-4\,\mathsf{N0}+2\,\mathsf{N0}\,\mathsf{Cos}\left[2\,\tau\;\omega\right]\,-\mathsf{N0}\,\mathsf{Cos}\left[2\,\alpha-2\,\tau\;\omega\right]\,-\mathsf{N0}\,\mathsf{N0}\,\mathsf{N0}\right]\right]\right]
                                                                                 NØ Cos [2\alpha + 2\tau\omega] + 2 NØ Cos [\alpha - \tau\omega]<sup>2</sup> Sec [\alpha]<sup>2</sup> +
                                                                                 2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] 2 Sec [\alpha] 2 + 2 N0 Sec [\alpha] 2 Sin [\tau \omega] 2 +
                                                                                 2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6 - 2 \cos [2 \alpha] + \cos (-6 - 2 \cos (-6 - 2))
                                                                                                                             2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                                                                   \sqrt{\left(\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-\,2+4\,\,\text{N0}\,-\,2\,\cos\left[2\,\alpha\right]\,-\,2\,\,\text{N0}\,\cos\left[2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,
                                                                                                NØ Cos [ 2 \alpha + 2 \tau \omega ] - 2 \sqrt{2} \sqrt{ (NØ<sup>2</sup> (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                                                                                                                          \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2))
                                                       (8\sqrt{N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega]})
                                                                                        Sin[\alpha]^2 Sin[\tau \omega]^2) +
                                                     \left(\text{4 NO}-\text{2 NO Cos}\left[\text{2 }\tau\;\omega\right]\,+\text{NO Cos}\left[\text{2 }\alpha-\text{2 }\tau\;\omega\right]\,+\text{NO Cos}\left[\text{2 }\alpha+\text{2 }\tau\;\omega\right]\,-\text{2 NO Cos}\left[\alpha-\tau\;\omega\right]^{\,2}\right)
                                                                                        \operatorname{Sec}[\alpha]^2 - 2 \operatorname{N0} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\alpha - \tau \omega]^2 \operatorname{Sec}[\alpha]^2 - 2 \operatorname{N0} \operatorname{Sec}[\alpha]^2 \operatorname{Sin}[\tau \omega]^2 -
                                                                                  2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos [2 \alpha] +
                                                                                                                             2\cos[2\tau\omega] - \cos[2\alpha - 2\tau\omega] - \cos[2\alpha + 2\tau\omega]) \sin[\alpha]^2\sin[\tau\omega]^2)
                                                                    \sqrt{\frac{1}{1+\cos[2\alpha]}\left(-2+4\,\text{NØ}-2\,\cos[2\,\alpha]-2\,\text{NØ}\,\cos[2\,\tau\,\omega]+\text{NØ}\,\cos[2\,\alpha-2\,\tau\,\omega]+\right.}
                                                                                                NØ Cos [ 2 \alpha + 2 \tau \omega ] + 2 \sqrt{2} \sqrt{ (NØ<sup>2</sup> (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                                                                                                                          \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                       (8\sqrt{N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega]})
                                                                                       \operatorname{Sin}\left[\alpha\right]^{2}\operatorname{Sin}\left[\tau\omega\right]^{2}\right)\Big)\Big| -
                       i Sec [\alpha] Sin [\tau \omega] \left[ i \cos [\alpha] \cot [\alpha] \csc [\tau \omega]^2 \left( -4 \, \text{N0} + 2 \, \text{N0} \cos [2 \, \tau \, \omega] - 4 \, \text{N0} \right) \right]
                                                                                 N0 Cos [2 \alpha – 2 \tau \omega] – N0 Cos [2 \alpha + 2 \tau \omega] + 2 N0 Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> +
                                                                                 2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> +
                                                                                 2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{-N0^{2}} (-6-2 Cos [2 \alpha] +
                                                                                                                              2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
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$$\sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \, \cos[2\alpha] - 2 \, N\theta \, \cos[2\alpha\omega] + N\theta \, \cos[2\alpha - 2 \, \tau\omega] + N\theta \, \cos[2\alpha + 2 \, \tau\omega] - 2 \, \sqrt{2} \, \sqrt{\left(N\theta^2 \left(6 + 2 \, \cos[2\alpha] - 2 \, \cos[2\tau\omega] + N\theta \, \cos[2\alpha - 2\tau\omega] - 2 \, N\theta \, \cos[2\alpha - 2\tau\omega] + N\theta \, \cos[2\alpha - 2\tau\omega] - 2 \, N\theta \, \cos[\alpha - \tau\omega]^2 \, \sec[\alpha]^2 - 2 \, N\theta \, \cos[2\alpha] \, \cos[\alpha - \tau\omega]^2 \, \sec[\alpha]^2 - 2 \, N\theta \, \cos[2\alpha] \, \cos[\alpha - \tau\omega]^2 \, \sec[\alpha]^2 - 2 \, N\theta \, \cos[2\alpha] \, \cos[\alpha - \tau\omega]^2 \, \sec[\alpha]^2 - 2 \, N\theta \, \cos[\alpha]^2 \, \sin[\tau\omega]^2) \right)$$

$$\left(32 \, N\theta \, \left(1 + \cos[\alpha]^2 \, \right) \, \sqrt{\left(N\theta^2 \, \left(6 + 2 \cos[2\alpha] - 2 \cos[2\tau\omega] + \cos[\alpha]^2 \sin[\tau\omega]^2 \right)\right)} \right) \right)$$

$$\left(32 \, N\theta \, \left(1 + \cos[2\alpha] \, \right) \, \sqrt{\left(N\theta^2 \, \left(6 + 2 \cos[2\alpha] - 2 \cos[2\tau\omega] + \cos[\alpha]^2 \sin[\tau\omega]^2 \right)\right)} \right) \right)$$

$$\left(1 \, \cos[\alpha] \, \cot[\alpha] \, \cos[\alpha + \tau\omega]^2 \, \sec[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right)$$

$$\left(1 \, \cos[\alpha] \, \cot[\alpha] \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \, \sin[\tau\omega]^2 \right) \right)$$

$$\left(1 \, \cos[\alpha] \, \cot[\alpha] \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right)$$

$$\left(1 \, \frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \, \cos[2\alpha] - 2 \, N\theta \, \cos[2\alpha] \, 2 \, \tan] \right) \, \sin[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right)$$

$$\left(1 \, \frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \, \cos[\alpha]^2 \, - 2 \, \tau\omega \right) \, \sin[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right) \right)$$

$$\left(1 \, \frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \, \cos[\alpha]^2 \, - 2 \, \tau\omega \right) \, \sin[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right) \right)$$

$$\left(1 \, - 4 \, N\theta + 2 \, N\theta \, \cos[2\alpha] \, 2 \, \omega \right) - N\theta \, \cos[2\alpha] \, - 2 \, \cos[2\alpha] \, + 2 \, \omega \right) + \Omega \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right)$$

$$\left(1 \, - 4 \, N\theta + 2 \, N\theta \, \cos[\alpha]^2 \, \cos[\alpha]^2 + 2 \, \tau\omega \right) + N\theta \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right) \right)$$

$$\left(1 \, - 4 \, N\theta + 2 \, N\theta \, \cos[\alpha]^2 \, \cos[\alpha]^2 + 2 \, \omega \right) + \Omega \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right) \right)$$

$$\left(1 \, - 4 \, N\theta + 2 \, N\theta \, \cos[\alpha]^2 \, \cos[\alpha]^2 + 2 \, \omega \right) + \Omega \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right) \right)$$

$$\left(2 \, \cos[\alpha]^2 \, + 2 \, \omega \right) + N\theta \, \cos[\alpha]^2 \, \cos[\alpha]^2 \, \cos[\alpha]^2 \, \cos[\alpha]^2 \, \cos[\alpha]^2 + 2 \, \omega \right) + \Omega \, \cos[\alpha]^2 \, \sin[\tau\omega]^2 \right) \right) \right)$$

$$\left(2 \, \cos[\alpha]^2 \,$$

$$\left(\sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \cos[2\alpha] - 2 \, N\theta \cos[2\alpha] + N\theta \cos[2\alpha - 2 \, \tau \, \omega] + N\theta \cos[2\alpha - 2 \, \tau \, \omega] + 2 \, \sqrt{2} \, \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2 \cos[2 \, \tau \, \omega] + \cos[2\alpha - 2 \, \tau \, \omega] + \cos[2\alpha + 2 \, \tau \, \omega]\right)} \right) \right) } \right)$$

$$\left(-4 \, N\theta + 2 \, N\theta \cos[2 \, \tau \, \omega] + \cos[2\alpha + 2 \, \tau \, \omega] \right) \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right)$$

$$\left(-4 \, N\theta + 2 \, N\theta \cos[2 \, \tau \, \omega] - N\theta \cos[2\alpha + 2 \, \tau \, \omega] \right) \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right)$$

$$\left(-4 \, N\theta + 2 \, N\theta \cos[2 \, \tau \, \omega] - N\theta \cos[2\alpha + 2 \, \tau \, \omega] \right) \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right)$$

$$2 \, N\theta \cos[\alpha - \tau \, \omega]^2 \sec[\alpha]^2 \cdot 2 \, N\theta \cos[\alpha] \cos[\alpha - \tau \, \omega]^2 \sec[\alpha]^2 + 2 \, N\theta \sec[\alpha]^2 \right)$$

$$\sin[\tau \, \omega]^2 + 2 \, N\theta \cos[2\alpha] \cdot 2 \, \cos[\alpha]^2 \sin[\tau \, \omega]^2 + 2 \, \sqrt{2} \, \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2 \cos[2 \, \tau \, \omega] + \cos[2\alpha + 2 \, \tau \, \omega]\right)} \right) \right)$$

$$\left(8 \, \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2 \cos[2 \, \tau \, \omega] + \cos[2\alpha - 2 \, \tau \, \omega] + \cos[2\alpha + 2 \, \tau \, \omega] \right)} \right)$$

$$\sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) +$$

$$\cos[\alpha - \tau \, \omega] \cdot \sec[\alpha] \left(-\left(\left[i \, N\theta \left(1 + \cos[2\alpha] \right] \cdot \sec[\alpha] \sin[\tau \, \omega]^2 \right] \right) \left(\frac{1}{1 + \cos[2\alpha]} \right) \right)$$

$$\left(-2 + 4 \, N\theta - 2 \cos[2\alpha] - 2 \, N\theta \cos[2 \, \tau \, \omega] + N\theta \cos[2\alpha - 2 \, \tau \, \omega] + N\theta \cos[2\alpha - 2 \, \tau \, \omega] \right)$$

$$\left(2 \, \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2 \, N\theta \cos[2\alpha + 2 \, \tau \, \omega] \right) \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right)} \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) +$$

$$\left(i \, N\theta \left(1 + \cos[2\alpha] \right) \cdot \sec[\alpha] \cdot \sin[\tau \, \omega]^2 \right) \left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \cos[2\alpha] + 2 \, \tau \, \omega \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) +$$

$$\left(i \, N\theta \left(1 + \cos[2\alpha] \right) \cdot \sec[\alpha] \cdot \sin[\tau \, \omega]^2 \right) \left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \cos[2\alpha] + 2 \, \tau \, \omega \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) \right) - i e^{i\phi} \cdot \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) \right) - i e^{i\phi} \cdot \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) \right)$$

$$\left(\cos[\alpha + \tau \, \omega] \cdot \sec[\alpha] \left(\left(\sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \cos[2\alpha] + 2 \, \tau \, \omega) \right) \right) \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) \right) - i e^{i\phi} \cdot \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) \right)$$

$$\left(\cos[\alpha + \tau \, \omega] \cdot \sec[\alpha] \left(\left(\sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, N\theta - 2 \cos[2\alpha] + 2 \, \tau \, \omega \right) \right) \right)$$

$$\sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) \right) - i e^{i\phi} \cdot \sin[\alpha]^2 \sin[\tau \, \omega]^2 \right) \right) \right)$$

$$\left(\cos[\alpha + \tau \, \omega] \cdot \sec[\alpha] \left(\cos[\alpha] - 2 \, \cos[\alpha] \right) + N\theta \cos[\alpha] \left(\cos[\alpha] - 2 \, N\theta \cos[\alpha] \right)$$

$$\cos[\alpha] \cdot \cos[\alpha] - 2 \, \cos[\alpha] \left(\cos[\alpha] - 2 \, \cos[\alpha] \right) - N\theta \cos[\alpha] \right)$$

$$\left\{ \sqrt{\left(\frac{1}{1 + \cos[2\,\alpha]} \left(-2 + 4\,N\theta - 2\cos[2\,\alpha] - 2\,N\theta\cos[2\,\tau\,\omega] + N\theta\cos[2\,\alpha - 2\,\tau\,\omega] + \frac{1}{1 + \cos[2\,\alpha + 2\,\tau\,\omega] + 2\,\sqrt{2}\,\sqrt{\left(N\theta^2\left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \frac{1}{2}\right)} \right)} \right. \\ \left. - N\theta\cos[2\,\alpha + 2\,\tau\,\omega] + 2\,\sqrt{2}\,\sqrt{\left(N\theta^2\left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \frac{1}{2}\right)} \right)} \right] \\ \left(- 4\,N\theta + 2\,N\theta\cos[2\,\alpha + 2\,\tau\,\omega] + \cos\cos[2\,\alpha + 2\,\tau\,\omega] \right) \, Sin\left[\alpha\right]^2 \, Sin\left[\tau\,\omega\right]^2 \right) \right) \\ \left(- 4\,N\theta + 2\,N\theta\cos[2\,\alpha] - N\theta\cos[2\,\alpha - 2\,\tau\,\omega] - N\theta\cos[2\,\alpha + 2\,\tau\,\omega] + \frac{1}{2}\,2\,N\theta\cos[\alpha]^2 + 2\,N\theta\cos[\alpha]^2 + 2$$

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\cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                  (8\sqrt{N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega]})
                                                                      Sin[\alpha]^2 Sin[\tau \omega]^2) +
                                \left(4~\text{N0}-2~\text{N0}~\text{Cos}\left[2~\tau~\omega\right]~+~\text{N0}~\text{Cos}\left[2~\alpha-2~\tau~\omega\right]~+~\text{N0}~\text{Cos}\left[2~\alpha+2~\tau~\omega\right]~-~2~\text{N0}~\text{Cos}\left[\alpha-\tau~\omega\right]~^2~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}~\text{N0}
                                                                      Sec [\alpha]^2 – 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 – 2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 –
                                                               2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6-2 \cos [2 \alpha] + \cos [2 \alpha])^{2})}
                                                                                                            2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                \sqrt{\left(\frac{1}{1 + \cos{[2\alpha]}} \left(-2 + 4 \,\text{N0} - 2 \,\cos{[2\alpha]} - 2 \,\text{N0} \,\cos{[2\tau\omega]} + \text{N0} \,\cos{[2\alpha - 2\tau\omega]} + \right)}
                                                                               N0 Cos [ 2 \alpha + 2 \tau \omega ] + 2 \sqrt{2} \sqrt{ (N0<sup>2</sup> (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                                                                                                           \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                 \left( \textbf{8} \, \sqrt{\, \left( \textbf{NO}^{\textbf{2}} \, \left( \textbf{6} + \textbf{2} \, \textbf{Cos} \, [\, \textbf{2} \, \alpha \, ] \, - \textbf{2} \, \textbf{Cos} \, [\, \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha + \textbf{2} \, \tau \, \omega \, ] \, \right) \right)}
                                                                     Sin[\alpha]^2 Sin[\tau \omega]^2) +
\cos [\alpha + \tau \omega] \operatorname{Sec}[\alpha] \left[ i \operatorname{Cos}[\alpha] \operatorname{Cot}[\alpha] \operatorname{Csc}[\tau \omega]^2 \left( -4 \operatorname{N0} + 2 \operatorname{N0} \operatorname{Cos}[2 \tau \omega] - 4 \operatorname{N0} \right) \right] \right]
                                                              N0 Cos [2 \alpha - 2 \tau \omega] - N0 Cos [2 \alpha + 2 \tau \omega] + 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 +
                                                              2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> +
                                                               2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6 - 2 \cos [2 \alpha] + \cos (-6 - 2 \cos (-6 - 2))))
                                                                                                             2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2
                                                \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \right) \right)
                                                                             NØ Cos [ 2 \alpha + 2 \tau \omega ] - 2 \sqrt{2} \sqrt{ (NØ<sup>2</sup> (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                                                                                                          \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                   ig( 4 \ NO - 2 \ NO \ Cos \ [2 \ 	au \ \omega] + NO \ Cos \ [2 \ lpha - 2 \ 	au \ \omega] + NO \ Cos \ [2 \ lpha + 2 \ 	au \ \omega] -
                                                               2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                                                                     \sin[\tau \omega]^2 - 2 \,\text{NO} \,\cos[2 \,\alpha] \,\sec[\alpha]^2 \,\sin[\tau \,\omega]^2 + 2 \,\sqrt{2} \,\sqrt{\,(\text{NO}^2\,(6+2 \,\cos[2 \,\alpha] - 1)^2)}
                                                                                                            2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega] \right) \sin [\alpha]^{2} \sin [\tau \omega]^{2} 
                                  (32 \text{ NØ } (1 + \cos[2 \alpha]) \sqrt{(\text{NØ}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \tau \omega] + \cos[2 \alpha - 2 \tau \omega] + \cos[2 \alpha])}
                                                                                     \cos [2\alpha + 2\tau\omega]) \sin [\alpha]^2 \sin [\tau\omega]^2) -
                              i Cos[\alpha] Cot[\alpha] Csc[\tau \omega]^2 (4 NO - 2 NO Cos[2 \tau \omega] + NO Cos[2 \alpha - 2 \tau \omega] +
                                                              NØ Cos [2 \alpha + 2 \tau \omega] - 2 NØ Cos [\alpha - \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> -
                                                              2 N0 Cos [2 \alpha] Cos [\alpha - \tau \omega]<sup>2</sup> Sec [\alpha]<sup>2</sup> – 2 N0 Sec [\alpha]<sup>2</sup> Sin [\tau \omega]<sup>2</sup> –
                                                               2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos [2 \alpha] + \cos (-6 )))))))))))])))])))))))))))
                                                                                                             2 \cos \left[2 \tau \omega\right] - \cos \left[2 \alpha - 2 \tau \omega\right] - \cos \left[2 \alpha + 2 \tau \omega\right]\right) \sin \left[\alpha\right]^{2} \sin \left[\tau \omega\right]^{2}\right)
                                                \sqrt{\frac{1}{1+\cos[2\alpha]}\left(-2+4\,\text{NØ}-2\,\cos[2\,\alpha]-2\,\text{NØ}\cos[2\,\tau\,\omega]+\text{NØ}\cos[2\,\alpha-2\,\tau\,\omega]+\right)}
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$$\sqrt{\left(\frac{1}{1 + \cos\{2\alpha\}} \left\{ \begin{array}{c} 2 + 4 \, N\theta - 2 \cos\{2\alpha\} - 2 \, N\theta \cos\{2\pi\omega\} + N\theta \cos\{2\alpha - 2\pi\omega\} + N\theta \cos\{2\alpha + 2\pi\omega\} - 2\sqrt{2} \, \sqrt{N\theta^2} \left(6 + 2 \cos\{2\alpha\} - 2 \cos\{2\pi\omega\} + N\theta \cos\{2\alpha + 2\pi\omega\} - 2\sqrt{2} \, \sqrt{N\theta^2} \left(6 + 2 \cos\{2\alpha\} - 2 \cos\{2\pi\omega\} + N\theta \cos\{2\alpha - 2\pi\omega\} + N\theta \cos\{2\alpha + 2\pi\omega\} \right) \right) \right) } \\ - \left(4 \, N\theta - 2 \, N\theta \cos\{2\alpha + 2\pi\omega\} - \cos\{2\alpha - 2\pi\omega\} + N\theta \cos\{2\alpha - 2\pi\omega\} - 2\pi\omega\} - 2N\theta \cos\{2\alpha - 2\pi\omega\} - 2\pi\omega\} - 2\pi\omega \cos\{2\pi\omega\} - 2\pi\omega\} - 2\pi\omega$$
 - 2\pi\omega\} - 2\pi\omega \cos\{2\pi\omega\} - 2\pi\omega\} - 2\pi\omega - 2\pi\omega\} - 2\pi\omega\} - 2\pi\omega \cos\{2\pi\omega\} - 2\pi\omega\} - 2\pi\omega - 2\pi\omega\} - 2\pi\omega\} - 2\pi\omega - 2\pi\omega\} - 2\pi\omega\} - 2\pi\omega - 22\pi\omega} - 2\pi\omega\} - 2\pi\omega\} - 2\pi\omega - 22\pi\omega} - 2\pi\omega\} - 2\pi\omega - 22\alpha - 22\

$$\left(\sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \, \text{NØ} - 2 \cos[2\alpha] - 2 \, \text{NØ} \cos[2\alpha] + \text{NØ} \cos[2\alpha - 2 \, \tau \omega] + \text{NØ} \cos[2\alpha - 2 \, \tau \omega] + 2 \, \sqrt{2} \, \sqrt{\left(\text{NØ}^2 \left(6 + 2 \cos[2\alpha] - 2 \cos[2\tau\omega] + \cos[2\alpha - 2 \, \tau \omega] + \cos[2\alpha] + 2 \, \text{NØ} \cos[2\alpha] + 2 \, \text{TW} \right) \right) } \right)$$

$$\left(-4 \, \text{NØ} + 2 \, \text{NØ} \cos[2\alpha] + 2 \, \tau \omega \right) + \cos[2\alpha] + \cos[2\alpha] + 2 \, \tau \omega \right) + \cos[2\alpha] +$$

$$\left(\sqrt{\left(\frac{1}{1 + \cos[2\,\alpha]} \left(-2 + 4\,N\theta - 2\,\cos[2\,\alpha] - 2\,N\theta\cos[2\,\tau\,\omega] + N\theta\cos[2\,\alpha - 2\,\tau\,\omega] + \right. \right. } \right. \\ \left. \left. \left. N\theta\cos[2\,\alpha + 2\,\tau\,\omega] + 2\,\sqrt{2} \,\,\sqrt{\left(N\theta^2 \left(6 + 2\,\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \right. \right. } \right. } \right. \\ \left. \left. \left. \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha + 2\,\tau\,\omega] \right) \, Sin[\alpha]^2 \, Sin[\tau\,\omega]^2 \right) \right) \right) \\ \left. \left(-4\,N\theta + 2\,N\theta\cos[2\,\tau\,\omega] - N\theta\cos[2\,\alpha - 2\,\tau\,\omega] - N\theta\cos[2\,\alpha + 2\,\tau\,\omega] + 2\,N\theta\cos[\alpha - \tau\,\omega]^2 \, Sec[\alpha]^2 + 2\,N\theta\cos[\alpha]^2 \right. \\ \left. Sin[\tau\,\omega]^2 + 2\,N\theta\cos[2\,\alpha] \, Sec[\alpha]^2 \, Sin[\tau\,\omega]^2 + 2\,\sqrt{2} \,\,\sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha] + \cos[2\,\alpha] + \cos[2\,\alpha + 2\,\tau\,\omega] \right)} \right) \right] \right) \\ \left. \left(8\,\sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha + 2\,\tau\,\omega] \right)} \right) \right) \right) \right) \\ \left. \left(8\,\sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha + 2\,\tau\,\omega] \right)} \right) \right) \right) \right) \\ \left. \left(8\,\sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha] + 2\cos[2\,\alpha] + 2\cos[2\,\alpha] \right)} \right) \right) \right) \\ \left. \left(1 + \cos[2\,\alpha] \right) \right) \right) - \\ i \, Sec[\alpha] \, Sin[\tau\,\omega]^2 \right) \right) \right) - \\ i \, Sec[\alpha] \, Sin[\tau\,\omega]^2 \right) \right) \right) + \\ \left. \left(\cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha] + N\theta\cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha] \right) \right) \right) \right) \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha + 2\,\tau\,\omega] \right)} \right) \right) \right) \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha + 2\,\tau\,\omega] \right)} \right) \right) \\ \left. Sin[\alpha]^2 \, Sin[\tau\,\omega]^2 \right) \right) \right) \right\} \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + N\theta\cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] \right) \right) \right) \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + N\theta\cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] \right) \right) \right) \right) \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] \right) \right) \right) \right) \right. \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] \right) \right) \right) \right) \right. \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] \right) \right) \right) \right. \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\alpha] + \cos[2\,\alpha - 2\,\tau\,\omega] + \cos[2\,\alpha - 2\,\tau\,\omega] \right) \right) \right) \right. \\ \left. \left(2 \sqrt{\left(N\theta^2 \left(6 + 2\cos[2\,\alpha] - 2\cos[2\,\alpha] - 2\cos[2\,\alpha] + \cos[2\,\alpha] + \cos[2\,\alpha] \right) \right) \right) \right. \\ \left.$$

In[29]:= EvolvedFirstNormSq = Abs[EvolvedFirst[[1]][[1]]]^2 + Abs[EvolvedFirst[[2]][[1]]]^2

$$\begin{aligned} & \text{Out} [29] = & \text{Abs} \left[- \text{i} \text{Cos} \left[\alpha + \tau \, \omega \right] \, \text{Sec} \left[\alpha \right] \, \text{Sin} \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \, \right] \, - \, \text{i} \, \text{Cos} \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \, \right] \, \text{Sec} \left[\alpha \right] \, \text{Sin} \left[\tau \, \omega \right] \, \right]^2 \, + \\ & \text{Abs} \left[\text{Cos} \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \, \right] \, \text{Cos} \left[\alpha - \tau \, \omega \right] \, \text{Sec} \left[\alpha \right] \, - \, \text{Sec} \left[\alpha \right] \, \text{Sin} \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \, \right] \, \text{Sin} \left[\tau \, \omega \right] \, \right]^2 \end{aligned}$$

In[30]:= ZetaEvolvedFirstNormSq =

Abs[ZetaEvolvedFirst[[1]][[1]]]^2 + Abs[ZetaEvolvedFirst[[2]][[1]]]^2

Out[30]= Abs
$$\left[-i \operatorname{Sin}\left[\frac{1}{4}\left(\pi+2\delta\right)\right]\right]$$

$$\left(-i \operatorname{Sec}\left[\alpha\right] \operatorname{Sin}\left[\tau\omega\right] \left(\left(-4\operatorname{N0}+2\operatorname{N0}\operatorname{Cos}\left[2\tau\omega\right]-\operatorname{N0}\operatorname{Cos}\left[2\alpha-2\tau\omega\right]-\operatorname{N0}\operatorname{Cos}\left[2\alpha+2\tau\omega\right]+\operatorname{N0}\operatorname{N0}\left[2\alpha+2\tau\omega\right]\right)\right)$$

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2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Sec [\alpha]^2
                         \sin[\tau \omega]^2 + 2 \, \text{N0} \, \cos[2 \, \alpha] \, \sec[\alpha]^2 \, \sin[\tau \, \omega]^2 + 2 \, \sqrt{2} \, \sqrt{(-\text{N0}^2 \, (-6 - 2 \, \cos[2 \, \alpha] + 2 \, \cos[2 \, \alpha])^2} 
                                       2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                \sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                            N0 Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                           \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
            \left(8\;\sqrt{\;\left(\text{N0}^{2}\;\left(\text{6}+\text{2}\;\text{Cos}\left[\,\text{2}\;\alpha\,\right]\,-\,\text{2}\;\text{Cos}\left[\,\text{2}\;\tau\;\omega\,\right]\,+\,\text{Cos}\left[\,\text{2}\;\alpha\,-\,\text{2}\;\tau\;\omega\,\right]\,+\,\text{Cos}\left[\,\text{2}\;\alpha\,+\,\text{2}\;\tau\;\omega\,\right]\;\right)}
                         Sin[\alpha]^2 Sin[\tau \omega]^2) +
            ig(4 N0 - 2 N0 Cos [2 	au \omega <math>] + N0 Cos [2 lpha - 2 	au \omega <math>] + N0 Cos [2 lpha + 2 	au \omega <math>] -
                      2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                         \sin[\tau \omega]^2 - 2 \text{ NO } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(-\text{NO}^2 (-6 - 2 \cos[2 \alpha] + 2 \cos[2 \alpha])^2 + 2 \cos[2 \alpha])}
                                       2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \right) \right)
                           N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                           \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2))
            (8\sqrt{N0^2}(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])
                        Sin[\alpha]^2 Sin[\tau \omega]^2) +
\cos [\alpha + \tau \omega] \operatorname{Sec}[\alpha] \left[ i \operatorname{Cos}[\alpha] \operatorname{Cot}[\alpha] \operatorname{Csc}[\tau \omega]^2 \left( -4 \operatorname{N0} + 2 \operatorname{N0} \operatorname{Cos}[2 \tau \omega] - 4 \operatorname{N0} \right) \right] \right]
                      N0 Cos [2 \alpha – 2 \tau \omega] – N0 Cos [2 \alpha + 2 \tau \omega] + 2 N0 Cos [\alpha – \tau \omega]<sup>2</sup> Sec [\alpha]<sup>2</sup> +
                      2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> +
                      2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos[2 \alpha] +
                                       2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                 \sqrt{\left(\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,\mathsf{N0}-2\,\cos\left[2\,\alpha\right]-2\,\mathsf{N0}\,\cos\left[2\,\tau\,\omega\right]+\mathsf{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]+\right)}
                           N0 Cos [2\alpha + 2\tau\omega] - 2\sqrt{2}\sqrt{N0^2(6+2\cos[2\alpha] - 2\cos[2\tau\omega]} +
                                            \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                  ig( 4 \, \text{N0} - 2 \, \text{N0 Cos} \, [ \, 2 \, 	au \, \omega \, ] \, + \, \text{N0 Cos} \, [ \, 2 \, lpha - 2 \, 	au \, \omega \, ] \, + \, \text{N0 Cos} \, [ \, 2 \, lpha + 2 \, 	au \, \omega \, ] \, - \,
                      2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                         \sin[\tau \omega]^2 - 2 \text{ N0 } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(\text{N0}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \alpha])^2 + 2 \cos[2 \alpha])}
                                       2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega] \right) \sin [\alpha]^2 \sin [\tau \omega]^2 
            (32 \text{ N0 } (1 + \cos[2 \alpha]) \sqrt{(\text{N0}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \tau \omega] + \cos[2 \alpha - 2 \tau \omega] + \cos[2 \alpha])}
                              \cos \left[2\alpha + 2\tau\omega\right] \sin \left[\alpha\right]^{2} \sin \left[\tau\omega\right]^{2} ) -
           i Cos [\alpha] Cot [\alpha] Csc [\tau \omega] ^2 (4 N0 – 2 N0 Cos [2 \tau \omega] + N0 Cos [2 \alpha – 2 \tau \omega] +
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N0 Cos [2 \alpha + 2 \tau \omega] - 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                                                                2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> – 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> –
                                                                                2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6 - 2 \cos [2 \alpha] + \cos (-6 - 2 \cos (-6 - 2))))
                                                                                                                            2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                                  \sqrt{\left(\frac{1}{1 + \cos\left[2\,\alpha\right]} \left(-2 + 4\,\mathsf{N0} - 2\,\cos\left[2\,\alpha\right] - 2\,\mathsf{N0}\,\cos\left[2\,\tau\,\omega\right] + \mathsf{N0}\,\cos\left[2\,\alpha - 2\,\tau\,\omega\right] + \right)}
                                                                                              NO Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                                                        \mathsf{Cos}\left[\mathbf{2}\,\alpha-\mathbf{2}\,\tau\,\omega\right]\,+\,\mathsf{Cos}\left[\mathbf{2}\,\alpha+\mathbf{2}\,\tau\,\omega\right]\,\big)\,\,\mathsf{Sin}\left[\alpha\right]^{\,2}\,\mathsf{Sin}\left[\,\tau\,\omega\right]^{\,2}\,\big)\,\bigg)\,\,
                                                                     \left( - 4 N0 + 2 N0 Cos \left[ 2 \tau \omega\right] - N0 Cos \left[ 2 \alpha - 2 \tau \omega\right] - N0 Cos \left[ 2 \alpha + 2 \tau \omega\right] +
                                                                                 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Sec [\alpha]^2
                                                                                       \sin[\tau \omega]^2 + 2 \,\text{NO} \,\cos[2 \,\alpha] \,\sec[\alpha]^2 \,\sin[\tau \,\omega]^2 + 2 \,\sqrt{2} \,\sqrt{\,(\text{NO}^2\,(6+2 \,\cos[2 \,\alpha] - 1)^2 \,\cos[2 \,\alpha] \,)}
                                                                                                                           2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]  ) \sin [\alpha]^2 \sin [\tau \omega]^2  ) 
                                                      \left(32\,\text{N0}\,\left(1+\text{Cos}\,[\,2\,\alpha\,]\,\right)\,\sqrt{\,\left(\text{N0}^2\,\left(6+2\,\text{Cos}\,[\,2\,\alpha\,]\,-2\,\text{Cos}\,[\,2\,\tau\,\omega\,]\,+\text{Cos}\,[\,2\,\alpha\,-2\,\tau\,\omega\,]\,+\right)}\right)}
                                                                                                    \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
\cos\left[\frac{1}{2}\left(\pi+2\ \delta\right)\right]\left[\cos\left[\alpha-\tau\ \omega\right]\right.\\ \left.\left.\left(-4\ \mathsf{N0}+2\ \mathsf{N0}\ \mathsf{Cos}\left[2\ \tau\ \omega\right]-\mathsf{N0}\ \mathsf{Cos}\left[2\ \alpha-2\ \tau\ \omega\right]\right.\right]\right]
                                                                                N0 Cos [2 \alpha + 2 \tau \omega] + 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 +
                                                                                2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> +
                                                                                2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos [2 \alpha] +
                                                                                                                            2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2}
                                                                 \sqrt{\left(\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-\,2+4\,\,\text{N0}\,-\,2\,\cos\left[2\,\alpha\right]\,-\,2\,\,\text{N0}\,\cos\left[2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,\omega\right]\,+\,\text{N0}\,\cos\left[2\,\alpha-2\,\tau\,
                                                                                             NØ Cos [ 2 \alpha + 2 \tau \omega ] - 2 \sqrt{2} \sqrt{ (NØ<sup>2</sup> (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                                                                                                                       \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2))
                                                      (8\sqrt{N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                                                       Sin[\alpha]^2 Sin[\tau \omega]^2) +
                                                     ig(4 N0 - 2 N0 Cos [2 	au \omega] + N0 Cos [2 lpha - 2 	au \omega] + N0 Cos [2 lpha + 2 	au \omega] -
                                                                                2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                                                                                        \sin[\tau \omega]^2 - 2 \text{ N0 } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(-\text{N0}^2 (-6 - 2 \cos[2 \alpha] + 2 \cos[2 \alpha])^2}]
                                                                                                                           2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                                                                  \sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                                                                                             N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                                                       \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2))
                                                      (8\sqrt{N0^2}(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])
                                                                                     \operatorname{Sin}[\alpha]^{2} \operatorname{Sin}[\tau \omega]^{2})
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i Sec [\alpha] Sin [\tau \omega] | i Cos [\alpha] Cot [\alpha] Csc [\tau \omega]^2 (-4 N0 + 2 N0 Cos [2 \tau \omega] -
                                       N0 Cos [2 \alpha – 2 \tau \omega] – N0 Cos [2 \alpha + 2 \tau \omega] + 2 N0 Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> +
                                       2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] 2 Sec [\alpha] 2 + 2 N0 Sec [\alpha] 2 Sin [\tau \omega] 2 +
                                       2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6-2 \cos[2 \alpha] +
                                                        2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                                  \sqrt{\left(\frac{1}{1 + \cos{[2\alpha]}} \left(-2 + 4 \,\text{N0} - 2 \,\cos{[2\alpha]} - 2 \,\text{N0} \,\cos{[2\tau\omega]} + \text{N0} \,\cos{[2\alpha - 2\tau\omega]} + \right)}
                                             N0 Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] + 2 \cos [2 \alpha])}
                                                             \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                   ig( 4 \ NO - 2 \ NO \ Cos \ [ 2 \ 	au \ \omega ] \ + \ NO \ Cos \ [ 2 \ lpha - 2 \ 	au \ \omega ] \ + \ NO \ Cos \ [ 2 \ lpha + 2 \ 	au \ \omega ] \ -
                                       2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                                          \sin[\tau \omega]^2 - 2 \text{ NO } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(\text{NO}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \alpha])^2 + 2 \cos[2 \alpha])^2}
                                                        2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                             (32 \text{ NO} (1 + \cos[2\alpha]) \sqrt{(\text{NO}^2 (6 + 2\cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha - 2\tau\omega] + \cos[2\alpha])}
                                               \cos [2\alpha + 2\tau\omega]) \sin [\alpha]^2 \sin [\tau\omega]^2) -
                            i Cos[\alpha] Cot[\alpha] Csc[\tau \omega]^2 (4 NO - 2 NO Cos[2 \tau \omega] + NO Cos[2 \alpha - 2 \tau \omega] +
                                       N0 Cos [ 2 \alpha + 2 \tau \omega ] - 2 N0 Cos [ \alpha - \tau \omega ] <sup>2</sup> Sec [ \alpha ] <sup>2</sup> -
                                       2 N0 Cos [2 \alpha] Cos [\alpha - \tau \omega] 2 Sec [\alpha] 2 – 2 N0 Sec [\alpha] 2 Sin [\tau \omega] 2 –
                                       2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6-2 \cos [2 \alpha] +
                                                        2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                  N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                             \mathsf{Cos}\left[\left.\mathbf{2}\;\alpha-\mathbf{2}\;\tau\;\omega\right.\right]\;+\;\mathsf{Cos}\left[\left.\mathbf{2}\;\alpha+\mathbf{2}\;\tau\;\omega\right.\right]\left.\right)\;\mathsf{Sin}\left[\left.\alpha\right.\right]^{2}\;\mathsf{Sin}\left[\left.\tau\;\omega\right.\right]^{2}\right)\right)
                                   \left( - 4 N0 + 2 N0 Cos [ 2 \tau \omega ] - N0 Cos [ 2 \alpha - 2 \tau \omega ] - N0 Cos [ 2 \alpha + 2 \tau \omega ] +
                                       2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Sec [\alpha]^2
                                          \sin[\tau \omega]^2 + 2 \,\text{NO} \,\cos[2 \,\alpha] \,\sec[\alpha]^2 \,\sin[\tau \,\omega]^2 + 2 \,\sqrt{2} \,\sqrt{\left(\text{NO}^2 \,\left(6 + 2 \,\cos[2 \,\alpha] - 1 \,\cos[2 \,\alpha] \,\cos[2 \,\alpha] \right)\right)}
                                                        2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                             (32 \text{ N0 } (1 + \cos[2 \alpha]) \sqrt{(\text{N0}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \tau \omega] + \cos[2 \alpha - 2 \tau \omega] + \cos[2 \alpha])}
                                               \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2))
\mathsf{Abs}\left[\mathsf{Cos}\left[\frac{\mathbf{1}}{\mathbf{4}} \left(\pi + \mathbf{2} \,\delta\right)\right.\right] \left(-\,\dot{\mathbb{1}}\,\mathsf{Sec}\left[\alpha\right]\,\mathsf{Sin}\left[\tau\,\omega\right]\right. \left(\left(\sqrt{\left(\frac{\mathbf{1}}{\mathbf{1} + \mathsf{Cos}\left[\mathbf{2}\,\alpha\right]} \left(-\,\mathbf{2} + \mathbf{4}\,\mathsf{N0} - \mathbf{2}\,\mathsf{Cos}\left[\mathbf{2}\,\alpha\right]\right.\right)\right)\right] \left(-\,\dot{\mathbb{1}}\,\mathsf{Sec}\left[\alpha\right]\,\mathsf{Sin}\left[\tau\,\omega\right]\right) \left(\sqrt{\left(\frac{\mathbf{1}}{\mathbf{1} + \mathsf{Cos}\left[\mathbf{2}\,\alpha\right]} \left(-\,\mathbf{2} + \mathbf{4}\,\mathsf{N0} - \mathbf{2}\,\mathsf{Cos}\left[\mathbf{2}\,\alpha\right]\right.\right)\right)}\right)
                                            2 N0 Cos [2 \tau \omega] + N0 Cos [2 \alpha - 2 \tau \omega] + N0 Cos [2 \alpha + 2 \tau \omega] -
                                             2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                       \operatorname{Sin}[\alpha]^{2}\operatorname{Sin}[\tau\omega]^{2})) 4 N0 – 2 N0 Cos [2 \tau\omega] +
                                       N0 Cos [2 \alpha – 2 \tau \omega] + N0 Cos [2 \alpha + 2 \tau \omega] – 2 N0 Cos [\alpha – \tau \omega]<sup>2</sup> Sec [\alpha]<sup>2</sup> –
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$$\left(4 \ NO - 2 \ NO \cos\left[2 \ \alpha - \tau \ \omega\right]^2 + NO \cos\left[2 \ \alpha - 2 \ \tau \ \omega\right] + NO \cos\left[2 \ \alpha - 2 \ \tau \ \omega\right]^2 - 2 \ NO \cos\left[2 \ \alpha\right]^2 - 2 \ NO \cos\left[2 \ \alpha\right] \cos\left[\alpha\right]^2 - 2 \ NO \cos\left[2 \ \alpha\right] \cos\left[\alpha\right]^2 - 2 \ NO \cos\left[\alpha\right]^2 - 2 \ NO \cos\left[2 \ \alpha\right] \cos\left[\alpha\right]^2 - 2 \ NO \cos\left[\alpha\right]^2 -$$

In[31]:= DecisivenessFirst = EvolvedFirstNormSq / (EvolvedFirstNormSq + ZetaEvolvedFirstNormSq)

$$\mathsf{Out}[\mathsf{31}] = \left(\mathsf{Abs}\left[-\mathtt{i}\,\mathsf{Cos}\left[\alpha+\tau\,\omega\right]\,\mathsf{Sec}\left[\alpha\right]\,\mathsf{Sin}\left[\frac{1}{4}\,\left(\pi+2\,\delta\right)\,\right] - \mathtt{i}\,\mathsf{Cos}\left[\frac{1}{4}\,\left(\pi+2\,\delta\right)\,\right]\,\mathsf{Sec}\left[\alpha\right]\,\mathsf{Sin}\left[\tau\,\omega\right]\,\right]^2 + \mathsf{In}\left[\mathsf{In}\left[\mathsf{In}\left[\tau\right]\right]\right]^2 + \mathsf{In}\left[\mathsf{In}\left[\mathsf{In}\left[\tau\right]\right]\right]^2 + \mathsf{In}\left[\mathsf{In}\left[\mathsf{In}\left[\tau\right]\right]\right]^2 + \mathsf{In}\left[\mathsf{In}\left[\tau\right]\right]^2 + \mathsf{In}\left[\mathsf{In$$

$$\text{Abs} \Big[\cos \Big[\frac{1}{4} \Big\{ (n+2\,\delta) \Big\} \cos [\alpha - \tau\,\omega] \sec [\alpha] - \sec [\alpha] \sin \Big[\frac{1}{4} \Big\{ (n+2\,\delta) \Big] \sin [\tau\,\omega] \Big]^2 \Big) \Big/ \\ \text{Abs} \Big[\frac{1}{4} \cos [\alpha + \tau\,\omega] \sec [\alpha] \sin \Big[\frac{1}{4} \Big\{ (n+2\,\delta) \Big] - i \cos \Big[\frac{1}{4} \Big\{ (n+2\,\delta) \Big] \sec [\alpha] \sin [\tau\,\omega] \Big]^2 + \\ \text{Abs} \Big[-i \sin \Big[\frac{1}{4} \Big\{ (n+2\,\delta) \Big] \Big] \\ \text{Cos} \Big[\alpha - \tau\,\omega \Big] \sec [\alpha] - \sec [\alpha] \sin \Big[\frac{1}{4} \Big\{ (n+2\,\delta) \Big] \sin [\tau\,\omega] \Big]^2 + \\ \text{Abs} \Big[-i \sin \Big[\frac{1}{4} \Big\{ (n+2\,\delta) \Big] \Big] \\ \text{Cos} \Big[\alpha - \tau\,\omega \Big] \cos [\alpha] - \cos [\alpha] \cos [\alpha] - \sin [\alpha] \cos [\alpha] \cos$$

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igl( 4\ NO - 2\ NO\ Cos \, [2\ 	au\ \omega] + NO\ Cos \, [2\ lpha - 2\ 	au\ \omega] + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ 	au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - igl( 4\ NO\ \omega) + NO\ Cos \, [2\ lpha + 2\ \au\ \omega] - \ho\ Cos \, [2\ lpha + 2\
                                           2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                          2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 – 2 N0 Cos [2 \alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                           2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                         \operatorname{Sin}[\alpha]^{2}\operatorname{Sin}[\tau \omega]^{2})) / (32\operatorname{N0}(1+\operatorname{Cos}[2\alpha])\sqrt{\operatorname{N0}^{2}(6+2\operatorname{Cos}[2\alpha]-1)})
                                                     2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2}) -
                            i Cos[\alpha] Cot[\alpha] Csc[\tau \omega]^2 \Big(4 NO - 2 NO Cos[2 \tau \omega] + NO Cos[2 \alpha - 2 \tau \omega] +
                                          N0 Cos [2 \alpha + 2 \tau \omega] - 2 N0 Cos [\alpha - \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> -
                                          2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> – 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> –
                                          2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6-2 \cos [2 \alpha] +
                                                                 2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                   \sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                                                  N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                       \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                      -4 N0 + 2 N0 Cos [2 \tau \omega] - N0 Cos [2 \alpha - 2 \tau \omega] - N0 Cos [2 \alpha + 2 \tau \omega] +
                                           2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2
                                          2 NØ Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 NØ Cos [2 \alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                           2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                         \operatorname{Sin}[\alpha]^{2} \operatorname{Sin}[\tau \omega]^{2})) \bigg| \bigg/ \bigg(32 \operatorname{N0} \bigg(1 + \operatorname{Cos}[2 \alpha] \bigg) \sqrt{\operatorname{N0}^{2} \bigg(6 + 2 \operatorname{Cos}[2 \alpha] - \operatorname{N0} \bigg)} \bigg) \bigg| \bigg/ \bigg(1 + \operatorname{Cos}[2 \alpha] \bigg) \bigg|
                                                     2 Cos [2 \tau \omega] + Cos [2 \alpha - 2 \tau \omega] + Cos [2 \alpha + 2 \tau \omega] ) Sin [\alpha] 2 Sin [\tau \omega] 2) ) | +
\cos\left[\frac{1}{4}\left(\pi+2\,\delta\right)\right]\left[\cos\left[\alpha-\tau\,\omega\right]\,\sec\left[\alpha\right]\right]\left[\left(-4\,\mathrm{N0}+2\,\mathrm{N0}\,\cos\left[2\,\tau\,\omega\right]-\mathrm{N0}\,\cos\left[\alpha+2\,\omega\right]\right]\right]
                                                  2\alpha - 2\tau\omega - N0 Cos [2\alpha + 2\tau\omega] + 2 N0 Cos [\alpha - \tau\omega] 2 Sec [\alpha] 2 +
                                           2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] 2 Sec [\alpha] 2 + 2 N0 Sec [\alpha] 2 Sin [\tau \omega] 2 +
                                          2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6 - 2 \cos [2 \alpha] + \cos (-6 - 2 \cos [2 \alpha])))}
                                                                 2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                   \sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                                                  N0 Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                        \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                            (8\sqrt{N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega]})
                                              Sin[\alpha]^2 Sin[\tau \omega]^2) +
                            ig(4\ NO-2\ NO\ Cos\ [2\ 	au\ \omega]\ +NO\ Cos\ [2\ lpha-2\ 	au\ \omega]\ +NO\ Cos\ [2\ lpha+2\ 	au\ \omega]\ -
                                           2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                                              \sin[\tau \omega]^2 - 2 \text{ NO } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(-\text{NO}^2 (-6 - 2 \cos[2 \alpha] + 2 \cos[2 \alpha])^2)}
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2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                             \sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                                                N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                             \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2))
                    (8\sqrt{N0^2}(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])
                                           Sin[\alpha]^2 Sin[\tau \omega]^2)
 i \, \mathsf{Sec} \, [\alpha] \, \, \mathsf{Sin} \, [\tau \, \omega] \, \left( \, \big[ \, i \, \, \mathsf{Cos} \, [\alpha] \, \, \mathsf{Cot} \, [\alpha] \, \, \mathsf{Csc} \, [\tau \, \omega]^{\, 2} \, \left( \, - \, 4 \, \, \mathsf{N0} \, + \, 2 \, \, \mathsf{N0} \, \, \mathsf{Cos} \, [2 \, \tau \, \omega] \, \, \, \right) \, \right. \, \\ \left. - \, \left( \, i \, \, \, \mathsf{Cos} \, [\alpha] \, \, \, \mathsf{Cot} \, [\alpha] \, \, \, \mathsf{Cot} \, [\alpha] \, \, \mathsf{C
                                      N0 Cos [2\alpha - 2\tau\omega] - N0 Cos [2\alpha + 2\tau\omega] + 2 N0 Cos [\alpha - \tau\omega]^2 Sec [\alpha]^2 +
                                       2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> +
                                       2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos[2 \alpha] +
                                                                    2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                             \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \right) \right)
                                                N0 Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                            \mathsf{Cos}\left[\mathsf{2}\,\alpha-\mathsf{2}\,\tau\,\omega\right]\,+\,\mathsf{Cos}\left[\mathsf{2}\,\alpha+\mathsf{2}\,\tau\,\omega\right]\,\big)\,\,\mathsf{Sin}\left[\alpha\right]^{2}\,\mathsf{Sin}\left[\,\tau\,\omega\right]^{2}\big)\,\bigg)
                               ig(4 N0 - 2 N0 Cos [2 	au \omega ] + N0 Cos [2 lpha - 2 	au \omega ] + N0 Cos [2 lpha + 2 	au \omega ] -
                                       2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2 \alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                       2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 – 2 N0 Cos [2\alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                       2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                         \operatorname{Sin}\left[\alpha\right]^{2}\operatorname{Sin}\left[\tau\omega\right]^{2}) \Big) \Big/ \Big(32\operatorname{N0}\left(1+\operatorname{Cos}\left[2\alpha\right]\right)\sqrt{\left(\operatorname{N0}^{2}\left(6+2\operatorname{Cos}\left[2\alpha\right]-\operatorname{Cos}\left[2\alpha\right]\right)\right)}
                                                      2 \cos \left[ 2 \tau \omega \right] + \cos \left[ 2 \alpha - 2 \tau \omega \right] + \cos \left[ 2 \alpha + 2 \tau \omega \right] \right) \sin \left[ \alpha \right]^{2} \sin \left[ \tau \omega \right]^{2} \right) -
                    i Cos[\alpha] Cot[\alpha] Csc[\tau \omega]^2 (4 NO - 2 NO Cos[2 \tau \omega] + NO Cos[2 \alpha - 2 \tau \omega] +
                                      N0 Cos [2 \alpha + 2 \tau \omega] - 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                       2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> – 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> –
                                       2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos[2 \alpha] +
                                                                    2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2}
                             \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \right) \right)
                                                N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                            \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                               [-4 \text{ N0} + 2 \text{ N0 Cos} [2 \tau \omega] - \text{N0 Cos} [2 \alpha - 2 \tau \omega] - \text{N0 Cos} [2 \alpha + 2 \tau \omega] +
                                       2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2
                                       2 NO Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 NO Cos [2\alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                       2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+}
```

$$\cos[2\alpha + 2 \pm \omega]) \sin[\alpha]^2 \sin[\pi \omega]^2) \bigg) \bigg/$$

$$(32 \, N\theta) \left(1 + \cos[2\alpha]\right) \sqrt{\left(N\theta^2 \left(6 + 2 \cos[2\alpha] - 2 \cos[2 \pm \omega] + \cos[2\alpha] + \cos[2\alpha] - 2 \cos[2 \pm \omega] + \cos[2\alpha] + \cos[2\alpha]$$

$$\cos \left[2\alpha - 2\tau\omega\right] + \cos \left[2\alpha + 2\tau\omega\right] \right) \sin \left[\alpha\right]^{2} \sin \left[\tau\omega\right]^{2} \right) \right) \tan \left[\alpha\right] \right) /$$

$$\left(2\sqrt{(N\theta^{2} \left(6 + 2\cos\left[2\alpha\right] - 2\cos\left[2\tau\omega\right] + \cos\left[2\alpha - 2\tau\omega\right] + \cos\left[2\alpha + 2\tau\omega\right]\right)} \right)$$

$$\sin \left[\alpha\right]^{2} \sin \left[\tau\omega\right]^{2} \right) \right) \right) - i \sin \left[\frac{1}{4} \left(\pi + 2\delta\right)\right]$$

$$\left(\cos \left[\alpha + \tau\omega\right] \sec \left[\alpha\right] \left(\left(\sqrt{\left(\frac{1}{1 + \cos\left[2\alpha\right]} \left(2 + 4N\theta - 2\cos\left[2\alpha\right] - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] + N\theta\cos\left[2\alpha + 2\tau\omega\right]\right) \right) \right) \right)$$

$$\left(\cos \left[\alpha + \tau\omega\right] \sec \left[\alpha\right] \left(\left(\sqrt{\left(\frac{1}{1 + \cos\left[2\alpha\right]} \left(2 + 4N\theta - 2\cos\left[2\alpha\right] - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] \right) + N\theta\cos\left[2\alpha + 2\tau\omega\right]\right) \right) \right)$$

$$\left(4N\theta - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] + N\theta\cos\left[2\alpha + 2\tau\omega\right]\right) \sin \left[\alpha\right]^{2} \sin \left[\tau\omega\right]^{2}\right) \right)$$

$$\left(4N\theta - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] + N\theta\cos\left[2\alpha + 2\tau\omega\right]\right) \sin \left[\alpha\right]^{2} \sin \left[\tau\omega\right]^{2}\right) \right)$$

$$\left(4N\theta - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] + N\theta\cos\left[2\alpha + 2\tau\omega\right]\right) \sin \left[\alpha\right]^{2} \sin \left[\tau\omega\right]^{2}\right) \right)$$

$$\left(4N\theta - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] + N\theta\cos\left[2\alpha + 2\tau\omega\right]\right) \sin \left[2\omega\right]^{2} \sin \left[\tau\omega\right]^{2}\right) \right)$$

$$\left(4N\theta - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] + N\theta\cos\left[2\alpha - 2\tau\omega\right] + \cos\left[2\alpha\right]^{2} - 2N\theta\cos\left[2\alpha\right]^{2} + 2\omega\cos\left[2\alpha\right]^{2} - 2N\theta\sin\left[2\alpha\right]^{2} + 2\omega\cos\left[2\alpha\right]^{2} - 2N\theta\cos\left[2\alpha\right]^{2} - 2N\theta\cos\left[2\alpha\right]^{2} - 2\omega\cos\left[2\tau\omega\right] + 2\omega\cos\left[2\alpha\right]^{2} \sin \left[\tau\omega\right]^{2}\right) \right)$$

$$\left(N\theta^{2} \left(6 + 2\cos\left[2\alpha\right] - 2N\theta\cos\left[2\tau\omega\right] + N\theta\cos\left[2\alpha\right]^{2} + N\theta\cos\left[2\alpha\right]^{2} + 2\omega\cos\left[2\alpha\right]^{2} + N\theta\cos\left[2\alpha\right]^{2} + 2\omega\cos\left[2\alpha\right]^{2} + N\theta\cos\left[2\alpha\right]^{2} +$$

$$\begin{aligned} & \cos\left[2\,\alpha+2\,\tau\,\omega\right]\,\big)\,\sin\left[\alpha\right]^{2}\sin\left[\tau\,\omega\right]^{2}\big)\,\Big)\,\int\,\tan\left[\alpha\right]\,\Bigg) \Big/ \\ & \left(2\,\sqrt{\left(\mathsf{N}\mathscr{O}^{2}\,\left(6+2\,\cos\left[2\,\alpha\right]-2\,\cos\left[2\,\tau\,\omega\right]+\cos\left[2\,\alpha-2\,\tau\,\omega\right]+\cos\left[2\,\alpha+2\,\tau\,\omega\right]\right)}\right. \\ & \left.\left.\left(2\,\sqrt{\left(\mathsf{N}\mathscr{O}^{2}\,\left(6+2\,\cos\left[2\,\alpha\right]-2\,\cos\left[2\,\tau\,\omega\right]+\cos\left[2\,\alpha-2\,\tau\,\omega\right]\right)\right)}\right)\right)\right]^{2}\right) \end{aligned}$$

ln[32]:= **DecisivenessFirstFunction**[δ _, σ _, α _, MO]

ecisivenessFirstFunction[
$$\delta_-$$
, σ_- , α_- , M0_] :=
$$\left[\text{Abs} \left[-\mathbf{i} \cos \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \, \text{Sec} \left[\alpha \right] \, \sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, - \right. \right. \\ \left. \mathbf{i} \, \cos \left[\alpha + \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, \sin \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \right]^2 + \\ \left. \operatorname{Abs} \left[\cos \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \, \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Sec} \left[\alpha \right] \, \sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[-\mathbf{i} \, \cos \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \, \operatorname{Sec} \left[\alpha \right] \, \sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, - \\ \left. \mathbf{i} \, \cos \left[\alpha + \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, \operatorname{Sin} \left[\alpha \right] - 2 \cos \left[\alpha \right] \, \sin \left[\alpha \right]^2} \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[\cos \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \, \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[\cos \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \, \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[\cos \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \, \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[\cos \left[\frac{1}{4} \left(\pi + 2 \, \delta \right) \right] \, \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[\cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]^2}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[\cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \, \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \, \sin \left[\alpha \right]}} \, \right] \right] \, \operatorname{Sec} \left[\alpha \right] \, - \\ \left. \operatorname{Abs} \left[\cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{$$

$$2 \, \text{MO} \, \text{Cos} \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \, \right] \right] + \\ \text{MO} \, \text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \, \right] \right] - \\ 2 \, \sqrt{2} \, \sqrt{\left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2} \, \text{MO}^2 \, \text{Cos} \left[\alpha \right]^2} \right] \right] - 2 \, \text{Cos} \left[\sigma \right]^2} \\ \text{Cos} \left[\sigma \right] \, \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \, \right] \right] - 2 \, \text{Cos} \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}}} \, \right] \right] + \text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}}} \, \right] \right] + \\ \text{2} \, \sqrt{\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \, \right] \right] + \frac{1}{2 \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}}} \, \right] \right] + \\ \text{2} \, \sqrt{\frac{1}{2 \, \text{Cos} \left[\alpha \right] \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}}} \, \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right] \, \text{Sin} \left[\alpha \right]^2}} \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right] \, \text{Sin} \left[\alpha \right]^2}} \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right] \, \text{Sin} \left[\alpha \right]^2}} \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right] \, \text{Sin} \left[\alpha \right]^2}} \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right] \, \text{Sin} \left[\alpha \right]^2}} \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] \right] + \frac{1}{2 \, \text{Cos} \left[\alpha \right] \, \text{Sin} \left[\alpha \right]^2}} \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin}$$

$$\label{eq:mocos} \begin{split} \text{M0} & \text{Cos} \left[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \, \right] \Big] - \\ & 2\,\text{M0} & \text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ & \text{M0} & \text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \, \Big] \Big] + 2\,\sqrt{2} \\ & \sqrt{\left[\frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \, \text{M0}^2\,\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]} \, \left[\frac{6 + 2\,\text{Cos}[2\,\alpha] + 2\,\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] - \\ & 2\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \, \Big] \Big] + \text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ & \frac{2}{2}\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}} \, \Big] \Big] - \\ & 2\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}} \, \Big] \Big] + \\ & \text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}} \, \Big] \Big] - \\ & 2\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}} \, \Big] \Big] - \\ & \text{Sin}[\alpha]^2 \Big[2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] \Big] - \\ & \text{Sin}[\alpha]^2 \Big[2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] \Big] - \\ & \text{Sin}[\alpha]^2 \Big[2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] \Big] - \\ & \text{Sin}[\alpha]^2 - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \Big[\Big[\sqrt{\frac{1}{1 + \text{Cos}[2\,\alpha]} \, \Big[-2 + 4\,\text{M0} - 2 + 4\,\text{M0}$$

$$2 \cos [2\alpha] + M\theta \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{M}\theta \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] + 2 \operatorname{M}\theta \cos \left[2\alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \sqrt{2}$$

$$\sqrt{\left[\frac{1}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \right]^{\frac{1}{2}} - 2 \cos [\sigma] \sin [\alpha]^2} \right] \right] - 2 \sqrt{2}$$

$$\sqrt{\left[\frac{1}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \right]^{\frac{1}{2}} - 2 \cos [\sigma] \sin [\alpha]^2} \right] \right] - 2 \sqrt{2}$$

$$2 \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] + \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{M}\theta \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{M}\theta \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{M}\theta \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{M}\theta \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right]^2 \sec [\alpha]^2 - 2 \operatorname{M}\theta \cos \left[2\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right]^2 \sec [\alpha]^2 + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}} \right] \right] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\alpha]}{2 \sin [\alpha] - 2 \cos [\alpha] \sin [\alpha]^2}} \right] \right]$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \right] \sin \left[\alpha \right]^2 \right] - \\ \frac{2 \operatorname{M0} \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2} - \frac{2 \operatorname{M0} \cos \left[2 \alpha \right] \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2} \right) \right] / \\ \left\{ 8 \sqrt{\left[\frac{1}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2} - \frac{2 \operatorname{M0} \cos \left[2 \alpha \right] \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \\ 2 \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \left[\sqrt{\left[\frac{1}{1 + \cos \left[2 \alpha \right]} \left[-2 + 4 \operatorname{M0} - 2 \cos \left[2 \alpha \right] + \operatorname{M0} \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + 2 \sqrt{2} \\ \sqrt{\left[\frac{1}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2} \operatorname{M0}^2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2} \right] - \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \\ \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\sigma \right] \cos \left[\sigma \right]}} \right] \right] \right] + \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\sigma \right]^2 \cos \left[\sigma \right]}} \right] \right] \right] \right] + \cos \left[2 \operatorname{ArcSin}$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \cos \left[\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]}} \right] \right] \cos$$

$$\begin{aligned} &\cos\left[2\,\alpha - 2\,\text{ArcSin}\right[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}}\]\big] - \\ &2\,\cos\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}}\]\big] + \\ &\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}}\]\big]\right] + \\ &\sin\left[\alpha\right] \sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}} - \left(\left(\frac{i\,\text{M0}\,\left(1 + \cos(2\,\alpha)\right)\,\cos(\sigma)}{1\,\text{Sin}(\alpha)^2}\right)\right)\right) - \\ &i\,\left[-i\,\text{Sec}\,\alpha\right] \sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}} - \left(\frac{i\,\text{M0}\,\left(1 + \cos(2\,\alpha)\right)\,\cos(\sigma)}{1\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}}\right)\right] - \\ &2\,\text{M0}\,\cos\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}}\right]\right] + \\ &M0\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}}\right]\right] - \\ &2\,\sqrt{2}\,\sqrt{\left(\frac{1}{2\,\text{Sin}(\alpha) - 2\,\text{Cos}[\sigma]\,\text{Sin}(\alpha)^2}\,\text{M0}^2\,\text{Cos}[\alpha]^2} \\ &\cos\left[\sigma\right] \left(6 + 2\,\cos\left[2\,\alpha\right] + \cos\left[2\,\alpha - 2\,\text{ArcSin}\right[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha)^2}}\right]\right] - 2\,\cos\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\cos(\sigma)\,\text{Sin}(\alpha)^2}}\right]\right] + \cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\cos(\sigma)\,\text{Sin}(\alpha)^2}}\right]\right] + \cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos(\alpha)^2\cos(\sigma)}{2\,\text{Sin}(\alpha) - 2\,\cos(\sigma)\,\text{Sin}(\alpha)^2}}\right]\right] + \sin(\alpha)^2\right] \right] \right] / / / \end{pmatrix}$$

$$\left[2 \sqrt{\frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \frac{1}{2 \sin[\alpha] - 2 \cos[\sigma]} \frac{1}{\sin[\alpha] - 2 \cos[\sigma]} \frac{1}{\cos[\sigma]} \frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} \right] \right] - \frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \frac{1}{2 \cos[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right]} \frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}$$

$$(2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2) \right] + \left[\frac{1}{1 + \cos[2 \alpha]} \left(-2 + 4 \operatorname{M}\theta - 2 \cos[\sigma] \sin[\alpha]^2} \right) \right]$$

$$(2 \sin[\alpha] - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] - \frac{1}{2 \operatorname{M}\theta \cos[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \frac{1}{2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + 2 \sqrt{2}$$

$$\sqrt{\frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} \frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}$$

$$- 2 \cos[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \cos[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \cos[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \cos[\alpha]^2$$

$$- 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \cos[\alpha]^2$$

$$- 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] \sin[\alpha]^2$$

$$\left(2\sqrt{\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}} \frac{1}{M\theta^2\cos[\alpha]^2\cos[\sigma]} \left[6+2\cos[2\alpha]+\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] - \\ \cos\left[2\alpha-2\arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] - \\ 2\cos\left[2\arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \\ \cos\left[2\alpha+2\arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \\ \sin[\alpha]^2\left(2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2\right)\right) + \\ \cos\left[\alpha+Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \\ \cos\left[\alpha+Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] - \\ 2\cos\left[2\alpha-2Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \\ M\theta\cos\left[2\alpha-2Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] - \\ 2\cos\left[2\alpha-2Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] - 2\sqrt{2} \\ \sqrt{\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}} \cos\left[\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] - \\ \cos\left[2\alpha-2Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] - \\ 2\cos\left[2Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] - \\ \cos\left[2\alpha-2Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] - \cos\left[2Arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\alpha]}{2\sin[\alpha]-2\cos[\alpha]\sin[\alpha]^2}\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\alpha]}{2\sin[\alpha]-2\cos[\alpha]\sin[\alpha]^2}\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\alpha]}{2\sin[\alpha]-2\cos[\alpha]\sin[\alpha]^2}\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\alpha]}{2\sin[\alpha]-2\cos[\alpha]\sin[\alpha]^2}\right] + \cos\left[\frac{\cos[\alpha]^2\cos[\alpha]}{2\sin[\alpha]-2\cos[\alpha]^2\cos[\alpha]^2}\right]$$

$$2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] \operatorname{Sin}[\alpha]^2 \right]$$

$$\left\{ 4 \operatorname{M0} + \operatorname{M0} \operatorname{Cos} \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$2 \operatorname{M0} \operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] +$$

$$\operatorname{M0} \operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$2 \operatorname{M0} \operatorname{Cos} \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right]^2 \operatorname{Sec}[\alpha]^2 -$$

$$2 \operatorname{M0} \operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right]^2 \operatorname{Sec}[\alpha]^2 +$$

$$2 \sqrt{2} \sqrt{\left[\frac{1}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \operatorname{M0}^2 \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha]^2} \right] \right]^2 -$$

$$2 \operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$2 \operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] +$$

$$\operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$\frac{2 \operatorname{M0} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} - \frac{2 \operatorname{M0} \operatorname{Cos}[\alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$\frac{2 \operatorname{M0} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} - \frac{2 \operatorname{M0} \operatorname{Cos}[\alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$\frac{2 \operatorname{M0} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right] \right] -$$

$$\operatorname{Cos} \left[2 \operatorname{A - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$\operatorname{Cos} \left[2 \operatorname{A - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] -$$

$$2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \alpha^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] \sin [\alpha]^{2}\right] + \\ \left[\sqrt{\left[\frac{1}{1+\cos [2 \alpha]}\left[-2+4 \operatorname{M}\theta-2 \cos [2 \alpha]+\operatorname{M}\theta \cos [2 \alpha-2 \operatorname{ArcSin}[\alpha]^{2}]\right]\right]} + \\ \frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}\right]\right] - \\ 2 \operatorname{M}\theta \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + 2 \sqrt{2} \\ \sqrt{\left[\frac{1}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}} \operatorname{M}\theta^{2} \cos [\alpha]^{2} \cos [\sigma]}\left[6+2 \cos [\alpha]+\frac{1}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}\right]\right] - \\ 2 \cos \left[2 \alpha-2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \cos \left[\frac{2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ 2 \operatorname{M}\theta \cos \left[2 \alpha-2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ 2 \operatorname{M}\theta \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] - \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\sigma]}{2 \sin [\alpha]-2 \cos [\sigma] \sin [\alpha]^{2}}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\alpha]}{2 \sin [\alpha]-2 \cos [\alpha] \sin [\alpha]^{2}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [\alpha]}{2 \sin [\alpha]-2 \cos [\alpha]}}\right]\right] + \\ \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^{2} \cos [$$

$$2\,\text{MØ}\,\text{Cos}\left[\alpha-\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\right]\right]^2\,\text{Sec}\left[\alpha\right]^2+\\ 2\,\text{MØ}\,\text{Cos}\left[2\,\alpha\right]\,\text{Cos}\left[\alpha-\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\right]\right]^2\,\text{Sec}\left[\alpha\right]^2+\\ 2\,\sqrt{2}\,\sqrt{\left[\frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}\,\text{MØ}^2\,\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}\left[6+2\,\text{Cos}[2\,\alpha]+\\ \text{Cos}\left[2\,\alpha-2\,\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\right]\right]-\\ 2\,\text{Cos}\left[2\,\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\right]\right]+\\ \text{Cos}\left[2\,\alpha+2\,\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\right]\right]\,\text{Sin}[\alpha]^2\right]+\\ \frac{2\,\text{MØ}\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}+\frac{2\,\text{MØ}\,\text{Cos}\left[2\,\alpha\right]\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\right]\right]-\\ \text{Cos}\left[2\,\alpha-2\,\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}}\,\right]\right]-\\ 2\,\text{Cos}\left[2\,\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}}\,\right]\right]+\\ \text{Cos}\left[2\,\alpha+2\,\text{ArcSin}\left[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}}\,\right]\right]\,\text{Sin}\left[\alpha]^2\right]\right]\right)\right]\text{Sin}\left[\alpha]^2\right]$$

$$\text{Abs}\left[\text{Cos}\left[\frac{1}{4}\,\left(\pi+2\,\delta\right)\right]\right]^2+\\ \text{Abs}\left[\text{Cos}\left[\frac{1}{4}\,\left(\pi+2\,\delta\right)\right]\right]^2\text{Sin}\left[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}\right]\right]\right]\text{Sec}\left[\alpha\right]$$

$$2\sqrt{2}\sqrt{\left|-\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\text{Me}^2\cos[\alpha]^2\cos[\sigma]\left[-6-\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right|} + \\ 2\cos[2\alpha]-\cos[2\alpha-2Arc\sin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] + \\ 2\cos[2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] - \\ \cos[2\alpha+2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] \sin[\alpha]^2 - \\ \frac{2\operatorname{Me}\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2} - \frac{2\operatorname{Me}\cos[2\alpha]\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}] \right] / \\ \left\{8\sqrt{\left|\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right|} - \frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] - \\ 2\cos[2\alpha-2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] - \\ 2\cos[2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] + \\ \cos[2\alpha+2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] \sin[\alpha]^2 \right] + \\ \left[\sqrt{\left|\frac{1}{1+\cos[2\alpha]}\right|} - 2+4\operatorname{Me}-2\cos[2\alpha]+\operatorname{Me}\cos[2\alpha-2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] + \\ 2\operatorname{Me}\cos[2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] + \\ 2\operatorname{Me}\cos[2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] + \\ \operatorname{Me}\cos[2\alpha+2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] - 2\sqrt{2}$$

$$\sqrt{\left|\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}} \text{MO}^2\cos[\alpha]^2\cos[\sigma] \left[6+2\cos[2\alpha]+\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right|}$$

$$\cos\left[2\alpha-2\arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] - \frac{2\cos\left[2\arcsin\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right]\right] + \cos\left[\frac{\cos\left[\alpha\right]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] + \cos\left[\frac{\cos\left[\alpha\right]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] + \cos\left[\frac{\cos\left[\alpha\right]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right] + \frac{\cos\left[\alpha\right]^2\cos\left[\alpha\right]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] + \frac{\cos\left[\alpha\right]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right] + \cos\left[\alpha\right]^2\cos[\alpha]^2\cos[\sigma]}{\cos\left[\alpha\right]^2\cos[\sigma]\sin[\alpha]^2}\right] + \cos\left[\alpha\right]^2\cos[\alpha]^2\cos[\sigma]}$$

$$\frac{2\,\text{MO}\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} + \frac{2\,\text{MO}\,\text{Cos}\,[\alpha]\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg) \bigg/ \\ \left\{ 8\,\sqrt{\left| \frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \right|^2 \text{MO}^2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma]} \left[6+2\,\text{Cos}\,[2\,\alpha] + \frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \right] \right] - \\ Cos\,\left[2\,\alpha-2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] + \\ Cos\,\left[2\,\alpha+2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] + \\ Cos\,\left[2\,\alpha+2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] \right] \\ Sin\,\left[\alpha\right]^2 \bigg] \bigg) - \\ \frac{1}{2\,\text{Sec}\,[\alpha]}\,\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \bigg] \bigg] - \\ 2\,\text{Cos}\,\left[3\,\text{Sin}\,[\alpha]^2 \right]^2 \bigg) \sqrt{\left[\frac{1}{1+\text{Cos}\,[2\,\alpha]} \left[-2+4\,\text{MO}-2\,\text{Cos}\,[2\,\alpha] + \frac{1}{2\,\text{Sin}\,[\alpha]^2}} \right] \right] - \\ 2\,\text{MO}\,\text{Cos}\,\left[2\,\alpha-2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] - \\ 2\,\text{MO}\,\text{Cos}\,\left[2\,\alpha+2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \bigg] - 2\,\sqrt{2} \\ \sqrt{\left[\frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \left[\frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] - 2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha]^2}} \\ 2\,\text{Cos}\,\left[2\,\alpha-2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] - \\ 2\,\text{Cos}\,\left[2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] + \text{Cos}\,\left[2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] + \text{Cos}\,\left[2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] + \text{Cos}\,\left[2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]}} \right] \right] + \text{Cos}\,\left[2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2$$

$$2\alpha + 2\operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big] \operatorname{Sin}[\alpha]^2\Big]\Big]\Big]$$

$$\left(4\operatorname{M0} + \operatorname{M0}\operatorname{Cos}\Big[2\alpha - 2\operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big] - \frac{2\operatorname{M0}\operatorname{Cos}\Big[2\operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big] + \frac{1}{2\operatorname{M0}\operatorname{Cos}\Big[2\alpha + 2\operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big]^2} \operatorname{Sec}[\alpha]^2 - \frac{2\operatorname{M0}\operatorname{Cos}[\alpha - \operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big]^2 \operatorname{Sec}[\alpha]^2 - \frac{2\operatorname{M0}\operatorname{Cos}[2\alpha]\operatorname{Cos}[\alpha - \operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big]^2 \operatorname{Sec}[\alpha]^2 + \frac{2\operatorname{V2}}{2\operatorname{V}}\left(\frac{1}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}\operatorname{M0}^2\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big] - \frac{2\operatorname{Cos}[2\alpha - 2\operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big]} \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} - \frac{2\operatorname{M0}\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}} \ \Big]\Big] + \frac{2\operatorname{M0}\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}} \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \Big]\Big] + \frac{2\operatorname{M0}\operatorname{Cos}[\alpha]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}} \operatorname{M0}^2 \operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^2} \Big]\Big] + \frac{2\operatorname{M0}\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^2}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}} \Big]\Big] + \frac{2\operatorname{M0}\operatorname{Cos}[2\alpha - 2\operatorname{ArcSin}\Big[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big] + \frac{2\operatorname{M0}\operatorname{Cos}[2\alpha - 2\operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big] - \frac{2\operatorname{M0}\operatorname{Cos}[2\operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^2}}\ \Big]\Big] - \frac{2\operatorname{M0}\operatorname{Cos}[2\operatorname{Cos}[\sigma]}{\operatorname{M0}\operatorname{Cos}[\alpha]^2\operatorname{Cos}[\sigma]}\ \Big]\Big]\Big]\Big]}$$

$$\begin{split} &\text{M0} \, \text{Cos} \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \, \right] \Big] + \\ &2\,\text{M0} \, \text{Cos} \left[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \, \right] \Big]^2 \, \text{Sec}[\alpha]^2 + \\ &2\,\text{M0} \, \text{Cos}[2\,\alpha] \, \text{Cos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \, \right] \Big]^2 \, \text{Sec}[\alpha]^2 + \\ &2\,\sqrt{2}\, \sqrt{\left| -\frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} \, \text{Mo}^2 \, \text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]} \, \right] \Big]^2 \, \text{Sec}[\alpha]^2 + \\ &2\,\sqrt{2}\, \sqrt{\left| -\frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} \, \text{Mo}^2 \, \text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]} \, -6 - \\ &2\,\text{Cos}[2\,\alpha] - \text{Cos}[2\,\alpha - 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \,] \Big] + \\ &2\,\text{Cos}[2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}} \,] \Big] - \\ &\frac{2\,\text{M0}\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} + \frac{2\,\text{M0}\,\text{Cos}[2\,\alpha] \, \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ &\frac{2\,\text{M0}\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} + \frac{2\,\text{M0}\,\text{Cos}[2\,\alpha] \, \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \Big] \Big] - \\ &2\,\text{Cos}[2\,\alpha] + \text{Cos}[2\,\alpha] + \text{Cos}[2\,\alpha - 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ &\frac{\text{Cos}[2\,\alpha + 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ &\frac{\text{Cos}[2\,\alpha + 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}} \, \text{Sin}[\alpha]^2} \, \Big] \Big] + \\ &\frac{\text{Cos}[2\,\alpha + 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}} \, \text{Sin}[\alpha]^2} \, \Big] \Big] + \\ &\frac{\text{Cos}[2\,\alpha + 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}} \, \text{Sin}[\alpha]^2} \, \Big] \Big] + \\ &\frac{\text{Cos}[2\,\alpha + 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}} \, \text{Sin}[\alpha]^2} \, \Big] \Big] + \\ &\frac{\text{Cos}[2\,\alpha + 2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}} \, \text{Sin}[\alpha]^2]} \Big] \Big] + \\ &\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\alpha]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]} \, \text{Sin}[\alpha]^2} \Big] \Big] + \\ &\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\alpha]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\alpha]} \, \text{Sin}[\alpha]^2} \Big] \Big] + \\ &\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\alpha]$$

$$2 \cos \left[2 \alpha\right] + M\theta \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 M\theta \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ M\theta \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + 2\sqrt{2} \\ \sqrt{\left[\frac{1}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2} M\theta^2 \cos \left[\alpha\right]^2 \cos \left[\sigma\right]}\left[\frac{1}{6 + 2 \cos \left[\alpha\right] + 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}\right]\right] - \\ 2 \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \cos \left[\frac{2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 M\theta \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 M\theta \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 M\theta \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 M\theta \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 - \\ 2 M\theta \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 + \\ 2 \sqrt{2} \sqrt{\left[-\frac{1}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2} M\theta^2 \cos \left[\alpha\right]^2 \cos \left[\sigma\right]} \left[-6 - \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha\right] - 2 \cos \left[\alpha\right] \sin \left[\alpha\right] - 2 \cos \left[\alpha\right] \sin \left[\alpha\right]^2}\right] + \\ 2 \cos \left[2 \alpha\right] - \cos \left[2 \alpha\right] - \cos \left[\alpha\right] \sin \left[\alpha\right] - \cos \left[\alpha\right] \cos \left[\alpha\right] - \cos \left$$

$$2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] - \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] \operatorname{Sin}[\alpha]^2\right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} - \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right] + \\ -4 \operatorname{MO} - \operatorname{MO} \operatorname{Cos}\left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] + \\ 2 \operatorname{MO} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] - \\ \operatorname{MO} \operatorname{Cos}\left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] + \\ 2 \operatorname{MO} \operatorname{Cos}\left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right]^2 \operatorname{Sec}[\alpha]^2 + \\ 2 \operatorname{MO} \operatorname{Cos}\left[2 \alpha\right] \operatorname{Cos}\left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right]^2 \operatorname{Sec}[\alpha]^2 + \\ 2 \operatorname{VO}\left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] - \\ 2 \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] + \\ \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}\right]\right] \operatorname{Sin}[\alpha]^2} + \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} + \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right] \right] + \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} + \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} + \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}\right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \left[\operatorname{MO} \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \left[\operatorname{MO} \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[$$

$$\left(32 \, \text{M0} \left(1 + \cos \left[2 \, \alpha \right] \right) \sqrt{ \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2} \, \text{M0}^2 \, \text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right] } \right] } \right] }$$

$$\left(6 + 2 \, \text{Cos} \left[2 \, \alpha \right] + \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] \right] +$$

$$2 \, \text{Cos} \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] \right] +$$

$$\text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] \right] +$$

$$\text{AMO} \left[\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2 \right] \right] \right] +$$

$$2 \, \text{Cos} \left[2 \, \alpha \right] + \, \text{M0} \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] +$$

$$2 \, \text{M0} \, \text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + 2 \, \sqrt{2}$$

$$\sqrt{\left(\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right) \left[\frac{1}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + 2 \, \sqrt{2} }$$

$$2 \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}}} \right] \right] + 2 \, \sqrt{2} }$$

$$2 \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + 2 \, \sqrt{2} }$$

$$2 \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + 2 \, \sqrt{2} }$$

$$2 \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right] \, \text{Sin} \left[\alpha \right]^2}} \right] \right] + 2 \, \sqrt{2} }$$

$$2 \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \left[\alpha \right]^2 \, \text{Cos} \left[\sigma \right]}{2 \, \text{Sin} \left[\alpha \right] - 2 \, \text{Cos} \left[\sigma \right]} \right]} \right] \right] + 2 \, \sqrt{2} }$$

$$2 \, \text$$

$$2\ M\theta\ Cos \left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] + \\ M\theta\ Cos \left[2\ \alpha + 2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] - \\ 2\ M\theta\ Cos \left[\alpha - ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right]^2\ Sec\left[\alpha\right]^2 - \\ 2\ M\theta\ Cos\left[2\ \alpha\right]\ Cos\left[\alpha - ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right]^2\ Sec\left[\alpha\right]^2 + \\ 2\ \sqrt{2}\ \sqrt{\left[-\frac{1}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}\ M\theta^2\ Cos[\alpha]\ Sin[\alpha]^2\ Cos[\sigma]} - 6 - \\ 2\ Cos\left[2\ \alpha\right] - Cos\left[2\ \alpha - 2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] + \\ 2\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}\right]\right] - \\ \frac{2\ M\theta\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2} - \frac{2\ M\theta\ Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}\right]\right] - \\ \left\{8\ \sqrt{\frac{1}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2} - \frac{2\ M\theta^2\ Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}\right]} - \\ 2\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] + \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] - \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] - \\ Sin[\alpha] - 2\ Cos[\sigma]\ Sin[\alpha]^2} - \frac{1}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}\right] + \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] - \\ Sin[\alpha] - 2\ Cos[\sigma]\ Sin[\alpha]^2} - \frac{1}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}\right] + \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] - \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] - \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] + \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]\right] + \\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]} - 2\ Cos[\sigma]\ Sin[\alpha]^2}\right]\right]$$

$$\left[\sqrt{\frac{1}{1+\cos[2\,\alpha]}} - 2 + 4\,\text{MØ} - 2\,\text{Cos}[2\,\alpha] + \text{MØ}\,\text{Cos}[2\,\alpha - 2\,\text{ArcSin}[}\right] - \frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\right]\right] - \frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}$$

$$2\,\text{MØ}\,\text{Cos}\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\right]\right] + \frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}$$

$$\sqrt{\frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\right] - 2\,\sqrt{2}$$

$$\sqrt{\frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \frac{1}{2\,\text{Sin}[\alpha]$$

$$2\sqrt{2}\sqrt{\left|-\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\text{MO}^2\cos[\alpha]^2\cos[\sigma]\left[-6-\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}\right]\right|^2}$$

$$2\cos[2\alpha]-\cos[2\alpha-2\arccos[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]]+$$

$$2\cos[2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]]-$$

$$\cos[2\alpha+2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]]\sin[\alpha]^2]+$$

$$\frac{2\text{MO}\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}+\frac{2\text{MO}\cos[2\alpha]\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}]$$

$$\left[8\sqrt{\left|\frac{1}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}+\frac{2\text{MO}\cos[\alpha]^2\cos[\sigma]\sin[\alpha]^2}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}\right|}\right]-$$

$$2\cos[2\alpha-2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]]-$$

$$2\cos[2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]]$$

$$\cos[2\alpha+2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]]\sin[\alpha]^2])$$

$$(\cos[\alpha+Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}}]] \sec[\alpha]$$

$$(\left|i\csc[\alpha]\sec[\sigma](2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2)$$

$$\sqrt{\left|\frac{1}{1+\cos[2\alpha]}-2+4\text{MO}-2\cos[2\alpha]+\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}]\right|}$$

$$MO\cos[2\alpha-2Arcsin[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\sin[\alpha]-2\cos[\sigma]\sin[\alpha]^2}]}]$$

$$2 \ \mathsf{MOCOS} \big[2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] + \\ \mathsf{MOCOS} \big[2 \ \alpha + 2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] - 2 \sqrt{2} \\ \sqrt{\frac{1}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \mathsf{MO^2 \mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]} \, \left[6 + 2 \mathsf{CoS}[2 \ \alpha] + \right] \\ \mathsf{CoS} \big[2 \ \alpha - 2 \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] - \\ 2 \mathsf{CoS} \big[2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] + \mathsf{CoS} \big[\\ 2 \ \alpha + 2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] - \\ 2 \mathsf{MOCOS} \big[2 \ \alpha - 2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] + \\ \mathsf{MOCOS} \big[2 \ \alpha + 2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}}} \, \big] \big] - \\ 2 \mathsf{MOCOS} \big[2 \ \alpha + 2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}}} \, \big] \big]^2 \mathsf{Sec}[\alpha]^2 - \\ 2 \mathsf{MOCOS} \big[2 \ \alpha - 2 \ \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}}} \, \big] \big]^2 \mathsf{Sec}[\alpha]^2 + \\ 2 \sqrt{2} \sqrt{\frac{1}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \mathsf{MO^2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \mathsf{MOCOS}[\alpha] - 2 \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}}} \, \big] \big]^2 - \\ 2 \mathsf{CoS}[2 \ \mathsf{ArcSin}[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}}} \, \big] \big] - \\ 2 \mathsf{CoS}[2 \ \mathsf{ArcSin}[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}}} \, \big] \big] - \\ 2 \mathsf{CoS}[2 \ \mathsf{ArcSin}[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}}} \, \big] \big] + \\ \\ \mathsf{CoS}[2 \ \mathsf{ArcSin}[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] + \\ \\ \mathsf{CoS}[2 \ \mathsf{ArcSin}[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] + \\ \\ \mathsf{CoS}[2 \ \mathsf{ArcSin}[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{CoS}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{CoS}[\sigma] \mathsf{Sin}[\alpha]^2}} \, \big] \big] + \\ \\ \mathsf{CoS}[2 \ \mathsf{ArcSin}[\sqrt{\frac{\mathsf{CoS}[\alpha]^2 \mathsf{Co$$

$$\cos\left[2\alpha + 2\operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^{2}\cos[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}}\right]\right]\operatorname{Sin}[\alpha]^{2}\right] - \frac{2\operatorname{M0}\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}} - \frac{2\operatorname{M0}\operatorname{Cos}[2\alpha]\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{2\operatorname{M0}\operatorname{Cos}[2\alpha]\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{2\operatorname{M0}\operatorname{Cos}[2\alpha]\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right]] + \frac{2\operatorname{M0}\operatorname{Cos}[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^{2}\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}}\right]] - \frac{\operatorname{M0}\operatorname{Cos}\left[2\alpha + 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^{2}\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}}\right]\right] - \frac{\operatorname{M0}\operatorname{Cos}\left[2\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^{2}\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}}\right]\right] + \frac{2\operatorname{M0}\operatorname{Cos}\left[2\alpha\right]\operatorname{Cos}\left[\alpha\right - \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^{2}\operatorname{Cos}[\sigma]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}}\right]\right] - \frac{\operatorname{M0}\operatorname{Cos}\left[2\alpha\right]\operatorname{Cos}\left[\alpha\right]\operatorname{Cos}\left[\alpha\right]\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{Cos}\left[2\alpha\right]\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{Cos}\left[2\alpha\right]\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{Cos}\left[2\alpha\right]\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{M0}\operatorname{Cos}[\alpha]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}} + \frac{\operatorname{2}\operatorname{M0}\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{M0}\operatorname{Cos}[\alpha]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{M0}\operatorname{Cos}[\alpha]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}} + \frac{\operatorname{M0}\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{M0}\operatorname{Cos}[\alpha]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}} + \frac{\operatorname{M0}\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}} - \frac{\operatorname{M0}\operatorname{Cos}[\alpha]}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}\right] - \frac{\operatorname{M0}\operatorname{Cos}[\alpha]\operatorname{Sin}[\alpha]^{2}}{2\operatorname{Sin}[\alpha] - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}} - 2\operatorname{Cos}[\sigma]\operatorname{Sin}[\alpha]^{2}}$$

$$\left[6 + 2 \cos[2\alpha] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] - \frac{1}{2 \cos\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right]} + \frac{1}{2 \cos\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right]} + \frac{1}{2 \cos\left[2\alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right]} - \frac{1}{2 \cos\left[\alpha\right] \sec\left[\sigma\right]} \left(2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2\right) \sqrt{\frac{1}{1 + \cos[2\alpha]} \left[-2 + 4 \operatorname{M}\theta - 2 \cos[\alpha] \sin[\alpha]^2\right]} - \frac{2 \operatorname{M}\theta \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] + \frac{1}{2 \cos\left[2\alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] + 2 \sqrt{2}} - \frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} \left[\frac{1}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} \right] - \frac{1}{2 \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] + \cos\left[2\alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] + \cos\left[2\alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] - \frac{1}{2 \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] - \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] - \frac{1}{2 \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] - \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right] \right] - \frac{1}{2 \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]}\right] - \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] - \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \cos\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2$$

$$\label{eq:mocos} \text{MOCos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] - \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 - \\ 2\,\text{MOCos} \Big[2\,\alpha \Big] \,\text{Cos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\sqrt{2}\,\sqrt{\Big[-\frac{1}{2\,\text{Sin}[\alpha] - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \text{MO}^2\,\text{Cos} \Big[\alpha \Big]^2\,\text{Cos} \Big[\sigma \Big] } \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{Cos} \Big[2\,\alpha \Big] - \text{Cos} \Big[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] - \\ 2\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] - \\ 2\,\text{MOCos} \Big[\alpha \Big] - 2\,\text{Cos} \Big[\sigma \Big] \,\text{Sin} \Big[\alpha \Big] - 2\,\text{Cos} \Big[\sigma \Big] \,\text{Sin} \Big[\alpha \Big]^2 \Big] \Big] + \\ 2\,\text{MOCos} \Big[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] + \\ 2\,\text{MOCos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big] + \\ 2\,\text{MOCos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{Sec} \Big[\alpha \Big]^2 + \\ 2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Sin}[\alpha]^2} \, \Big] \Big]^2\,\text{MOCos} \Big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\cos[\sigma]\,\text{Si$$

$$\begin{aligned} & \cos\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}}\ \right]\Big] - \\ & 2\,\cos\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}}\ \right]\Big] + \\ & \cos\left[2\,\alpha + 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}}\ \right]\Big] \int \sin[\alpha]^2\Big] + \\ & \frac{2\,\text{M0}\,\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2} + \frac{2\,\text{M0}\,\cos[2\,\alpha]\,\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}\Big]\Big] / \\ & \left[32\,\text{M0}\,\left(1 + \cos[2\,\alpha]\right)\sqrt{\frac{1}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}} \frac{\text{M0}^2\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2} \right] - \\ & \left[6 + 2\cos[2\,\alpha] + \cos\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}}\ \right]\Big] - \\ & 2\cos\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}}\ \right] \right] + \\ & \cos\left[2\,\alpha + 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha] - 2\cos[\sigma]\,\text{Sin}[\alpha]^2}}\ \right] \right] \\ & \sin\left[\frac{1}{4}\left(\pi + 2\,\delta\right)\right] \right]^2 \end{aligned}$$

In[33]:= EvolvedSecondNormSq = Abs[EvolvedSecond[[1]][[1]]]^2 + Abs[EvolvedSecond[[2]][[1]]]^2 ZetaEvolvedSecondNormSq =

Abs[ZetaEvolvedSecond[[1]][[1]]]^2 + Abs[ZetaEvolvedSecond[[2]][[1]]]^2 DecisivenessSecond = EvolvedSecondNormSq / (EvolvedSecondNormSq + ZetaEvolvedSecondNormSq)

$$\begin{aligned} & \mathsf{Out}[\mathsf{34}] = \ \mathsf{Abs}\left[-\,\dot{\mathbb{1}} \,\, \mathsf{e}^{\,\dot{\mathbb{1}} \,\, \varphi} \, \mathsf{Sin}\left[\, \frac{\pi + \sigma}{4}\, \right] \right. \\ & \left. \left(-\,\dot{\mathbb{1}} \,\, \mathsf{Sec}\left[\, \alpha\right] \,\, \mathsf{Sin}\left[\, \tau \,\, \omega\right] \,\, \left(\left(\left(-\,4 \,\, \mathsf{N0} + 2 \,\, \mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \tau \,\, \omega\right] \, - \,\mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha - 2 \,\, \tau \,\, \omega\right] \, - \,\mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha + 2 \,\, \tau \,\, \omega\right] \,\, + \,\, \mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha - 2 \,\, \tau \,\, \omega\right] \,\, - \,\, \mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha + 2 \,\, \tau \,\, \omega\right] \,\, + \,\, \mathsf{N0} \,\, \mathsf{Sec}\left[\, \alpha\right]^{\,2} \\ & \left. \mathsf{Sin}\left[\, \tau \,\, \omega\right]^{\,2} + 2 \,\, \mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha\right] \,\, \mathsf{Sec}\left[\, \alpha\right]^{\,2} \,\, \mathsf{Sin}\left[\, \tau \,\, \omega\right]^{\,2} + 2 \,\, \mathsf{N0} \,\, \mathsf{Sec}\left[\, \alpha\right]^{\,2} \\ & \left. \mathsf{Sin}\left[\, \tau \,\, \omega\right]^{\,2} + 2 \,\, \mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha\right] \,\, \mathsf{Sec}\left[\, \alpha\right]^{\,2} \,\, \mathsf{Sin}\left[\, \tau \,\, \omega\right]^{\,2} + 2 \,\, \mathsf{N0} \,\, \mathsf{Sec}\left[\, \alpha\right]^{\,2} \\ & \left. \mathsf{Sin}\left[\, \tau \,\, \omega\right]^{\,2} + 2 \,\, \mathsf{N0} \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha - 2 \,\, \tau \,\, \omega\right] \,\, - \,\, \mathsf{Cos}\left[\, 2 \,\, \alpha + 2 \,\, \tau \,\, \omega\right] \,\, \right) \,\, \mathsf{Sin}\left[\, \alpha\right]^{\,2} \,\, \mathsf{Sin}\left[\, \tau \,\, \omega\right]^{\,2} \right) \,\, \right] \end{aligned}$$

$$\sqrt{\left(\frac{1}{1 + \cos\{2\alpha\right)} \left(-2 + 4 \, \text{NO} - 2 \cos[2\alpha] - 2 \, \text{NO} \cos[2\alpha\omega] + \text{NO} \cos[2\alpha-2\omega\omega] + \text{NO} \cos[2\alpha+2\omega\omega] - 2 \, \sqrt{2} \, \sqrt{\left(\text{NO}^2\left(6 + 2 \cos[2\alpha] - 2 \cos[2\alpha\omega] + \text{Cos}[2\alpha-2\omega\omega] + \text{$$

$$2 \cos [2 \pm \omega] - \cos [2 \alpha - 2 \pm \omega] - \cos [2 \alpha + 2 \pm \omega]) \sin [\alpha]^2 \sin [\pm \omega]^2)$$

$$\sqrt{\left(\frac{1}{1 + \cos [2 \alpha]} \left(-2 + 4 \, \text{NO} - 2 \cos [2 \alpha] - 2 \, \text{NO} \cos [2 \pm \omega] + \text{NO} \cos [2 \alpha - 2 \pm \omega] + \right.\right.} \right)}$$

$$\sqrt{\left(\frac{1}{1 + \cos [2 \alpha]} \left(-2 + 4 \, \text{NO} - 2 \cos [2 \alpha] - 2 \, \text{NO} \cos [2 \pm \omega] + \text{NO} \cos [2 \alpha - 2 \pm \omega] + \right.} \right)}$$

$$- \cos [2 \alpha - 2 \pm \omega] + 2 \sqrt{2} \sqrt{\left(\text{NO}^2 \left(6 + 2 \cos [2 \alpha] - 2 \cos [2 \pm \omega] + \right.} \right)}$$

$$- \cos [2 \alpha - 2 \pm \omega] + 2 \sqrt{2} \sqrt{\left(\text{NO}^2 \left(6 + 2 \cos [2 \alpha] - 2 \cos [2 \pm \omega] + \right.} \right)}$$

$$- 4 \, \text{NO} + 2 \, \text{NO} \cos [2 \pm \omega] + 2 \, \text{NO} \cos [2 \alpha - 2 \pm \omega] + 2 \, \text{NO} \cos [2 \alpha + 2 \pm \omega] + 2 \, \text{NO} \cos [\alpha - \pm \omega]^2 \sec [\alpha]^2 + 2 \, \text{NO} \cos [\alpha - 1 \omega]^2 \sec [\alpha]^2 + 2 \, \text{NO} \cos [\alpha - 1 \omega]^2 \sec [\alpha]^2 + 2 \, \text{NO} \cos [\alpha]^2 - 2 \, \text{NO} \cos [\alpha - 1 \omega]^2 \sec [\alpha]^2 + 2 \, \text{NO} \cos [\alpha]^2 - 2 \, \text{NO} \cos [\alpha - 1 \omega]^2 \sin [\pi \omega]^2) \right)$$

$$- \left(\frac{32 \, \text{NO} \left(1 + \cos [2 \alpha]\right) \sqrt{\left(\text{NO}^2 \left(6 + 2 \cos [2 \alpha] - 2 \cos [2 \pm \omega] + \cos [2 \alpha - 2 \pm \omega] + \right.} \right)} \right)$$

$$- \left(\frac{32 \, \text{NO} \left(1 + \cos [2 \alpha]\right) \sqrt{\left(\text{NO}^2 \left(6 + 2 \cos [2 \alpha] - 2 \cos [2 \pm \omega] + \cos [2 \alpha - 2 \pm \omega] + \right.} \right)} \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \left(\cos [\alpha - \pm \omega] \, \sec [\alpha]\right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \left(\cos [\alpha - \pm \omega] \, \sec [\alpha]\right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \left(\cos [\alpha - \pm \omega] \, \sec [\alpha]\right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \left(\cos [\alpha - \pm \omega] \, \sec [\alpha]\right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \left(\cos [\alpha - \pm \omega] \, \sec [\alpha]\right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \left(\cos [\alpha - \pm \omega] \, \sec [\alpha]\right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \left(\cos [\alpha - \pm \omega] \, \sec [\alpha]\right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \cos [\alpha - \pm \omega] \cos [\alpha - 2 \pm \omega] \cos [\alpha - 2 \pm \omega] \right) \cos [\alpha - 2 \pm \omega] \right)$$

$$- \left(\cos \left[\frac{\pi + 0}{4}\right] \cos [\alpha - 2 \pm \omega] \cos [\alpha - 2 \pm \omega] \cos [\alpha - 2 \pm \omega] \right) \sin [\alpha]^2 \sin [\pi \omega]^2\right) \right)$$

$$- \left(\frac{\pi + 0}{4} \cos [\alpha - 2 \pm \omega] \right) \cos [\alpha - 2 \pm \omega] \right)$$

$$- \left(\frac{\pi + 0}{4} \cos [\alpha - 2 \pm \omega] \right) \cos [\alpha - 2 \pm \omega] \right)$$

$$- \left(\frac{\pi + 0}{4} \cos [\alpha - 2 \pm \omega] \right)$$

$$- \left(\frac{\pi + 0}{4} \cos [\alpha - 2 \pm \omega] \cos [\alpha - 2 \pm$$

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2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> +
                                                                                                 2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6-2 \cos [2 \alpha] +
                                                                                                                                          2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                                                   \sqrt{\left(\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                                                                                                              N0 Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] + 2 \cos [2 \alpha])}
                                                                                                                                                      \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                                                       ig( 4 \ NO - 2 \ NO \ Cos \ [ 2 \ 	au \ \omega ] \ + \ NO \ Cos \ [ 2 \ lpha - 2 \ 	au \ \omega ] \ + \ NO \ Cos \ [ 2 \ lpha + 2 \ 	au \ \omega ] \ -
                                                                                                 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                                                                                                       \sin[\tau \omega]^2 - 2 \text{ NO } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(\text{NO}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \alpha])^2 + 2 \cos[2 \alpha])}
                                                                                                                                          2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]  ) \sin [\alpha]^2 \sin [\tau \omega]^2  ) 
                                                                         (32 \text{ NØ } (1 + \cos[2 \alpha]) \sqrt{(\text{NØ}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \tau \omega] + \cos[2 \alpha - 2 \tau \omega] + \cos[2 \alpha])}
                                                                                                                     Cos[2\alpha + 2\tau\omega]) Sin[\alpha]^2 Sin[\tau\omega]^2) -
                                                                     i Cos [\alpha] Cot [\alpha] Csc [\tau \omega] 2 (4 N0 – 2 N0 Cos [2 \tau \omega] + N0 Cos [2 \alpha – 2 \tau \omega] +
                                                                                                 N0 Cos [2 \alpha + 2 \tau \omega] - 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                                                                                 2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> – 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> –
                                                                                                 2 N0 Cos [2 \alpha] Sec [\alpha] ^{2} Sin [\tau \omega] ^{2} + 2 \sqrt{2} \sqrt{(-N0^{2} (-6 - 2 \cos [2 \alpha] + \cos (-6 - 2 \cos (-6 - 2))))
                                                                                                                                          2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                                                                                    \sqrt{\frac{1}{1 + \cos{[2\alpha]}} \left(-2 + 4 \,\text{N0} - 2 \,\cos{[2\alpha]} - 2 \,\text{N0} \,\cos{[2\tau\omega]} + \text{N0} \,\cos{[2\alpha - 2\tau\omega]} + \right)}
                                                                                                              N0 Cos [2\alpha + 2\tau\omega] + 2\sqrt{2}\sqrt{N0^2(6+2\cos[2\alpha] - 2\cos[2\tau\omega]} +
                                                                                                                                                      \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                                                      \left( -4\,\text{N0} + 2\,\text{N0}\,\text{Cos}\,[2\,	au\,\omega] - \text{N0}\,\text{Cos}\,[2\,lpha - 2\,	au\,\omega] - \text{N0}\,\text{Cos}\,[2\,lpha + 2\,	au\,\omega] + \right)
                                                                                                 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Sec [\alpha]^2
                                                                                                       \sin[\tau \omega]^2 + 2 \,\text{NO} \,\cos[2 \,\alpha] \,\sec[\alpha]^2 \,\sin[\tau \,\omega]^2 + 2 \,\sqrt{2} \,\sqrt{\,(\text{NO}^2\,(6+2 \,\cos[2 \,\alpha] - 1)^2)}
                                                                                                                                          2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega] \right) \sin [\alpha]^2 \sin [\tau \omega]^2 \right) 
                                                                         \left( \textbf{32 N0} \, \left( \textbf{1} + \textbf{Cos} \, [\, \textbf{2} \, \alpha \, ] \, \right) \, \sqrt{\, \left( \textbf{N0}^{2} \, \left( \textbf{6} + \textbf{2} \, \textbf{Cos} \, [\, \textbf{2} \, \alpha \, ] \, - \textbf{2} \, \textbf{Cos} \, [\, \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, \omega \, ] \, + \textbf{Cos} \, [\, \textbf{2} \, \alpha - \textbf{2} \, \tau \, 
                                                                                                                    \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2))
Abs \left[\cos\left[\frac{\pi+\sigma}{4}\right]\left(-i\sec\left[\alpha\right]\sin\left[\tau\omega\right]\right)\left(\sqrt{\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\tau\omega\right]+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\alpha\right]-\frac{1}{1+\cos\left[2\,\alpha\right]}\right)+\frac{1}{1+\cos\left[2\,\alpha\right]}\left(-2+4\,N\theta-2\cos\left[2\,\alpha\right]-2\,N\theta\cos\left[2\,\alpha\right]-\frac{1}{1+\cos\left[2\,\alpha\right]}\right)
                                                                                                              N0 Cos [ 2 \alpha – 2 \tau \omega] + N0 Cos [ 2 \alpha + 2 \tau \omega] – 2 \sqrt{2} \sqrt{ (N0<sup>2</sup> (6 + 2 Cos [ 2 \alpha] –
                                                                                                                                                      2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                                                       (4 \text{ NO} - 2 \text{ NO Cos} [2 \tau \omega] + \text{NO Cos} [2 \alpha - 2 \tau \omega] + \text{NO Cos} [2 \alpha + 2 \tau \omega] -
                                                                                                 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                                                                                                       \sin[\tau \omega]^2 - 2 \text{ NO } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(\text{NO}^2 (6 + 2 \cos[2 \alpha] - 2 \cos[2 \alpha])^2 + 2 \cos[2 \alpha])}
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$$\begin{split} & \sin(\tau\omega)^2 - 2 \, \text{NO} \cos(2\,\tau\alpha) \, \text{Sec}(\alpha)^2 \, \sin(\tau\omega)^2 + 2 \, \sqrt{2} \, \sqrt{\,(\text{NO}^2 \, (6 + 2 \cos(2\,\alpha) - 2 \cos(2\,\tau\omega) + \cos(2\,\alpha + 2\,\tau\omega)) \, \sin(\alpha)^2 \, \sin(\tau\omega)^2)\,)} \Big) \\ & - 2 \, \cos(2\,\tau\omega) + \cos(2\,\alpha - 2\,\tau\omega) + \cos(2\,\alpha - 2\,\tau\omega) \, \sin(\alpha)^2 \, \sin(\tau\omega)^2)\,) \Big) \Big/ \\ & \left(8 \, \sqrt{\,(\text{NO}^2 \, (6 + 2 \cos(2\,\alpha) - 2 \cos(2\,\tau\omega) + \cos(2\,\alpha - 2\,\tau\omega) + \cos(2\,\alpha - 2\,\tau\omega) + \sin(\alpha)^2 \, \sin(\tau\omega)^2) \, \right)} \Big) \Big/ \\ & \left(1 \, \frac{1}{1 + \cos(2\,\alpha)} \left\{ -2 + 4 \, \text{NO} - 2 \cos(2\,\alpha) - 2 \, \text{NO} \cos(2\,\tau\omega) + \text{NO} \cos(2\,\alpha - 2\,\tau\omega) + \cos(2\,\alpha - 2\,\tau\omega)$$

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\operatorname{Sin}[\alpha]^{2}\operatorname{Sin}[\tau \omega]^{2})) / (32\operatorname{N0}(1+\operatorname{Cos}[2\alpha])\sqrt{\operatorname{N0}^{2}(6+2\operatorname{Cos}[2\alpha]-1)})
                                                                   2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2}) -
                                  i Cos[\alpha] Cot[\alpha] Csc[\tau \omega]^2 (4 NO - 2 NO Cos[2 \tau \omega] + NO Cos[2 \alpha - 2 \tau \omega] +
                                                     NØ Cos [2 \alpha + 2 \tau \omega] – 2 NØ Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> –
                                                     2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> – 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> –
                                                     2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos [2 \alpha] +
                                                                                 2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                            \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \right) \right)
                                                              NØ Cos [ 2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{ (NØ<sup>2</sup> (6 + 2 Cos [ 2 \alpha] - 2 Cos [ 2 \tau \omega] +
                                                                                          \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                              \left(-4\,\text{N0} + 2\,\text{N0}\,\text{Cos}\,[2\,	au\,\omega] - \text{N0}\,\text{Cos}\,[2\,lpha - 2\,	au\,\omega] - \text{N0}\,\text{Cos}\,[2\,lpha + 2\,	au\,\omega] + \right)
                                                      2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2 \alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2
                                                     2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 N0 Cos [2\alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                                     2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                                       \operatorname{Sin}\left[\alpha\right]^{2}\operatorname{Sin}\left[\tau\left.\omega\right]^{2}\right)\Big)\Bigg/\left(32\operatorname{N0}\left(1+\operatorname{Cos}\left[2\left.\alpha\right]\right)\sqrt{\left(\operatorname{N0}^{2}\left(6+2\operatorname{Cos}\left[2\left.\alpha\right]\right.-\operatorname{N0}^{2}\left(6+2\operatorname{Cos}\left[2\left.\alpha\right]\right.\right)\right)}\right)
                                                                   2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
\cos\left[\frac{\pi+\sigma}{4}\right]\left[\cos\left[\alpha-\tau\;\omega\right]\,\sec\left[\alpha\right]\,\left(\left(-4\,\mathsf{N0}+2\,\mathsf{N0}\,\cos\left[2\;\tau\;\omega\right]-\mathsf{N0}\,\cos\left[2\;\alpha-2\;\tau\;\omega\right]\right.\right]\right]
                                                    N0 Cos [2 \alpha + 2 \tau \omega] + 2 N0 Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> +
                                                    2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] <sup>2</sup> Sec [\alpha] <sup>2</sup> + 2 N0 Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> +
                                                     2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos [2 \alpha] +
                                                                                  2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                            \sqrt{\frac{1}{1 + \cos[2\alpha]} \left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\,\tau\,\omega] + \text{N0} \,\cos[2\,\alpha - 2\,\tau\,\omega] + \right)}
                                                              N0 Cos [2 \alpha + 2 \tau \omega] - 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                         \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                    (8\sqrt{N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega]})
                                                         Sin[\alpha]^2 Sin[\tau \omega]^2) +
                                   ig(4 N0 - 2 N0 Cos [2 	au \omega ] + N0 Cos [2 lpha - 2 	au \omega ] + N0 Cos [2 lpha + 2 	au \omega ] -
                                                    2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2 \alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2
                                                         \sin[\tau \omega]^2 - 2 \text{ NO } \cos[2 \alpha] \sec[\alpha]^2 \sin[\tau \omega]^2 + 2 \sqrt{2} \sqrt{(-\text{NO}^2 (-6 - 2 \cos[2 \alpha] + 2 \cos[2 \alpha])^2 + 2 \cos[2 \alpha])}
                                                                                 2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2
                                            \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{2} \, \cos[2\alpha] + \frac{1}{2
                                                              NØ Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
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$$\cos \left\{ 2 \alpha - 2 \tau \omega \right\} + \cos \left\{ 2 \alpha + 2 \tau \omega \right\} \right) \sin \left[\alpha \right]^2 \sin \left[\tau \omega \right]^2 \right) \right) \right) /$$

$$\left(8 \sqrt{(N\theta^2 \left\{ 6 + 2 \cos \left[2 \alpha \right] - 2 \cos \left[2 \tau \omega \right] + \cos \left[2 \alpha - 2 \tau \omega \right] + \cos \left[2 \alpha + 2 \tau \omega \right] \right)} \right)$$

$$\sin \left[\alpha \right]^2 \sin \left[\tau \omega \right]^2 \right) \right) -$$

$$i \operatorname{Sec} \left[\alpha \right] \sin \left[\tau \omega \right] \left(\left[i \operatorname{Cos} \left[\alpha \right] \operatorname{Cos} \left[2 \tau \operatorname{Cos} \left[2 \tau \omega \right] + \operatorname{Cos} \left[2 \alpha - 2 \tau \omega \right] + \operatorname{Cos} \left[2 \alpha + 2 \tau \omega \right] \right) \right]$$

$$+ \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha - 2 \tau \omega \right] - \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha + 2 \tau \omega \right] + 2 \operatorname{N} \theta \operatorname{Cos} \left[\alpha - \tau \omega \right]^2 \operatorname{Sec} \left[\alpha \right]^2 + 2 \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha \right] \operatorname{Cos} \left[2 \alpha - 2 \tau \omega \right] - \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha \right] + 2 \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha \right] + 2 \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha \right] + 2 \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha \right] + 2 \operatorname{N} \theta \operatorname{Cos} \left[2 \alpha \right] + 2 \operatorname{Cos$$

$$\text{Abs} \Big[\text{Cos} \Big[\frac{\pi + \sigma}{4} \Big] \left(-i \, \text{Sec} \big[\alpha \big] \, \text{Sin} \big[\tau \, \omega \big] \left(\left[\sqrt{\left(\frac{1}{1 + \cos[2 \, \alpha]} \right]} \left(-2 + 4 \, \text{N0} - 2 \, \text{Cos} \big[2 \, \alpha \big] + 2 \, \tau \, \omega \right) + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha - 2 \, \tau \, \omega \big] + \text{NO} \, \text{Cos} \big[2 \, \alpha -$$

$$\left(\cos \left[\alpha + \iota \omega \right] \sec \left[\alpha \right] \left(\left\{ \sqrt{\left(\frac{1}{1 + \cos \left[2 \, \alpha \right]} \left(-2 + 4 \, N\theta - 2 \, \cos \left[2 \, \alpha \right) - 2 \, N\theta \, \cos \left[2 \, \iota \omega \right] + \right. \right. } \right. \\ \left. \left. N\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] + N\theta \cos \left[2 \, \alpha + 2 \, \iota \omega \right] - 2 \sqrt{2} \cdot \sqrt{\left(N\theta^2 \left(6 + 2 \, \cos \left[2 \, \alpha \right] - 2 \, \cos \left[2 \, \alpha \right] + \right)} \right. \\ \left. \left. \left(2 \, N\theta^2 \right) \cdot \left(6 + 2 \, \cos \left[2 \, \alpha \right] - 2 \, \iota \omega \right) + \left. \left(2 \, \log \left[2 \, \alpha \right] + 2 \, \iota \omega \right) \right) \right) \right] \right) \right) \right)$$

$$\left(4 \, N\theta - 2 \, N\theta \cos \left[2 \, \iota \omega \right] + N\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] + N\theta \cos \left[2 \, \alpha + 2 \, \iota \omega \right] - 2 \right. \\ \left. 2 \, N\theta \sec \left[\alpha \right]^2 - 2 \, S\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] + N\theta \cos \left[2 \, \alpha + 2 \, \iota \omega \right] \right) \right) \right) \right) \right) \right)$$

$$\left(4 \, N\theta - 2 \, N\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] + N\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] + 2 \cos \left[2 \, \alpha - 2 \, \iota \omega \right] \right) \right) \right) \right)$$

$$\left(3 \, N\theta \sec \left[\alpha \right]^2 \sin \left[\iota \omega \right]^2 - 2 \, N\theta \cos \left[2 \, \alpha \right] \cos \left[\alpha \right] \cos \left[\alpha \right] \right) \right) \right)$$

$$\left(2 \, N\theta \sec \left[\alpha \right]^2 \sin \left[\iota \omega \right]^2 \right) \right) \right) \left(8 \, \sqrt{\left(N\theta^2 \left(6 + 2 \, \cos \left[2 \, \alpha - 2 \, \iota \omega \right] + \cos \left[2 \, \alpha + 2 \, \iota \omega \right] \right)} \right) \right) \right)$$

$$\left(3 \, S\sin \left[\alpha \right]^2 \sin \left[\iota \omega \right]^2 \right) \right) \right) \left(8 \, \sqrt{\left(N\theta^2 \left(6 + 2 \, \cos \left[2 \, \alpha \right] - 2 \, \cos \left[2 \, \iota \omega \right] + \right)} \right) \right) \right)$$

$$\left(1 \, \frac{1}{1 + \cos \left[2 \, \alpha \right]} \left(-2 + 4 \, N\theta - 2 \, \cos \left[2 \, \alpha \right] - 2 \, N\theta \cos \left[2 \, \alpha \right] \cos \left[2 \, \iota \omega \right] + N\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] + \right) \right) \right)$$

$$\left(-4 \, N\theta + 2 \, N\theta \cos \left[2 \, \alpha + 2 \, \iota \omega \right] + 2 \, N\theta \cos \left[2 \, \alpha + 2 \, \iota \omega \right] \right) \right) \right) \right) \left(-4 \, N\theta + 2 \, N\theta \cos \left[2 \, \alpha \right] + 2 \, N\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] \right) \right) \right) \right)$$

$$\left(-4 \, N\theta + 2 \, N\theta \cos \left[2 \, \iota \omega \right] - N\theta \cos \left[2 \, \alpha - 2 \, \iota \omega \right] \right) \right) \right) \right) \left(-4 \, N\theta + 2 \, N\theta \cos \left[2 \, \iota \omega \right] \right) \right) \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \right) \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \right) \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \right) \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[2 \, \alpha \right] \right) \left(-2 \, N\theta \cos \left[$$

$$\operatorname{Sin}[\alpha]^{2} \operatorname{Sin}[\tau \omega]^{2}))$$

$$ln[37]:=$$
 DecisivenessSecondFunction[ϕ _, σ _, α _, M0_] :=

$$\begin{vmatrix} \operatorname{Abs} \left[-i \operatorname{Cos} \left[\frac{\pi + \sigma}{4} \right] \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}} \right] \\ = i e^{i \phi} \operatorname{Cos} \left[\alpha + \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}}} \right] \right] \operatorname{Sec} \left[\alpha \right] \operatorname{Sin} \left[\frac{\pi + \sigma}{4} \right] \right]^2 + \\ \operatorname{Abs} \left[\operatorname{Cos} \left[\frac{\pi + \sigma}{4} \right] \operatorname{Cos} \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}}} \right] \right] \operatorname{Sec} \left[\alpha \right] - \\ e^{i \phi} \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}} \operatorname{Sin} \left[\frac{\pi + \sigma}{4} \right] \right]^2} \right) / \\ \left(\operatorname{Abs} \left[-i \operatorname{Cos} \left[\frac{\pi + \sigma}{4} \right] \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}} \right] \right] \operatorname{Sec} \left[\alpha \right] \operatorname{Sin} \left[\frac{\pi + \sigma}{4} \right] \right]^2 + \\ \left(\operatorname{Abs} \left[\operatorname{Cos} \left[\frac{\pi + \sigma}{4} \right] \operatorname{Cos} \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}} \right] \right] \operatorname{Sec} \left[\alpha \right] - \\ e^{i \phi} \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}} \right] \operatorname{Sec} \left[\alpha \right] - \\ e^{i \phi} \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}} \right] \operatorname{Sec} \left[\alpha \right] - \\ e^{i \phi} \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}} \right] \operatorname{Sec} \left[\alpha \right] - \\ e^{i \phi} \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}}} \right] \operatorname{Sec} \left[\alpha \right] - \\ e^{i \phi} \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2}}} \operatorname{Sin} \left[\frac{\pi + \sigma}{4} \right] \right] \operatorname{Sec} \left[\alpha \right] - \\ \operatorname{Abs} \left[\operatorname{Cos} \left[\frac{\pi + \sigma}{4} \right] \operatorname{Cos} \left[\frac{\pi$$

$$2\ M\theta\ Cos \left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + \\ M\theta\ Cos \left[2\ \alpha+2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + \\ 2\ \sqrt{2}\ \sqrt{\left[\left(M\theta^2\ Cos[\alpha]^2\ Cos[\sigma]\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + } \\ \\ 2\ \sqrt{2}\ \sqrt{\left[\left(M\theta^2\ Cos[\alpha]^2\ Cos[\sigma]\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + } \\ \\ Cos\left[2\ \alpha-2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + \\ \\ Cos\left[2\ \alpha+2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + \\ \\ \left[2\ \sqrt{\left(\frac{1}{2\ Sin[\alpha]-2\ Cos[\sigma]}\ Sin[\alpha]^2}\right)}\right] / \\ \\ \left[2\ \sqrt{\left(\frac{1}{2\ Sin[\alpha]-2\ Cos[\sigma]}\ Sin[\alpha]^2}\right)}\right] - \\ \\ 2\ Cos\left[2\ \alpha-2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + \\ \\ Cos\left[2\ \alpha+2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] + \\ \\ Cos\left[2\ \alpha+2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}}\right]\right] - \\ \\ Sin[\alpha]^2\ \left(2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2\right)\right) - \\ \\ i\ Sec\left[\alpha\right]\ \sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}} \left[\sqrt{\frac{1}{1+Cos[2\ \alpha]}\left[-2+4\ M\theta-1\right]}\right] + \\ \\ i\ Sec\left[\alpha\right]\ \sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}\ Sin[\alpha]^2}} \left[\sqrt{\frac{1}{1+Cos[2\ \alpha]}\left[-2+4\ M\theta-1\right]}\right] + \\ \\ i\ Sec\left[\alpha\right]\ \sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]}\ Sin[\alpha]^2}} \left[\sqrt{\frac{1}{1+Cos[2\ \alpha]}\left[-2+4\ M\theta-1\right]}\right]}\right] + \\ \\$$

$$2 \cos \left[2 \alpha\right] + \text{M0} \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ \operatorname{M0} \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 \sqrt{2} \sqrt{\left(\left(\text{M0}^2 \cos \left[\alpha\right]^2 \cos \left[\sigma\right]\right) \left(6 + 2 \cos \left[\alpha\right] \sin \left[\alpha\right]^2\right)\right]} - \\ 2 \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ \sin \left[\alpha\right]^2 / \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2\right)\right) \right) \\ \sin \left[\alpha\right]^2 / \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2\right)\right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 \operatorname{M0} \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 - \\ 2 \operatorname{M0} \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 + \\ 2 \operatorname{M0} \cos \left[2 \alpha\right] \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 + \\ 2 \operatorname{M0} \cos \left[2 \alpha\right] \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 + \\ 2 \operatorname{M0} \cos \left[2 \alpha\right] \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 + \\ 2 \operatorname{M0} \cos \left[2 \alpha\right] \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 + \\ 2 \operatorname{M0} \cos \left[2 \alpha\right] \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \sec \left[\alpha\right]^2 + \\ 2 \operatorname{M0} \cos \left[\alpha\right] \cos \left[\alpha\right] \cos \left[\alpha\right] \sin \left[\alpha\right]^2 \sin \left[\alpha\right]^2 \cos \left[\alpha$$

$$\begin{aligned} & \text{Cos} \left[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}} \, \right] \Big] - \\ & 2\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ & \text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}} \, \Big] \Big] \Big] \\ & \frac{2\,\text{M0}\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2} - \frac{2\,\text{M0}\,\text{Cos}[2\,\alpha]\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}} \Big] \Big] - \\ & \frac{2\,\text{M0}\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}} \, \text{M0}^2\,\text{Cos}[\sigma] \,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2} \Big] \Big] - \\ & \text{Cos} \Big[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ & \text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}} \, \Big] \Big] + \\ & \text{M0}\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}}} \, \Big] \Big] + \\ & \text{M0}\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}}} \, \Big] \Big] + \\ & \text{M0}\,\text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}}} \, \Big] \Big] + \\ & \text{M0}\,\text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}[\alpha]^2 \,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma] \,\text{Sin}[\alpha]^2}}} \, \Big] \Big] + \\ & 2\,\sqrt{2}\,\sqrt{\left[\left[\text{M0}^2 \,\text{Cos}[\alpha]^2 \,\text{Cos}[\sigma]} \right] \left[6 + 2\,\text{Cos}[2\,\alpha] + \right]} \right]} \right] + \\ \end{aligned}$$

$$\begin{aligned} &\cos \left[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\,\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] - \\ &2\,\cos \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\,\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\,\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \Big] \\ &\sin \left[\alpha\right]^2 \Bigg] / \left(2\,\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2 \right) \Bigg] \Bigg) \\ &\left[-4\,\text{M0} - \text{M0}\,\cos \left[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\,\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] + \\ &2\,\text{M0}\,\cos \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] - \\ &M0\,\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big]^2\,\sec \left[\alpha\right]^2 + \\ &2\,\text{M0}\,\cos \left[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big]^2\,\sec \left[\alpha\right]^2 + \\ &2\,\text{M0}\,\cos \left[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big]^2\,\sec \left[\alpha\right]^2 + \\ &2\,\sqrt{2}\,\sqrt{\left[\frac{1}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2} \left(\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \right]} - \\ &2\,\cos \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \sin \left[\alpha\right]^2} + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \sin \left[\alpha\right]^2} + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \sin \left[\alpha\right]^2} + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \sin \left[\alpha\right]^2} + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \sin \left[\alpha\right]^2} + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \sin \left[\alpha\right]^2} + \\ &\cos \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2\sin \left[\alpha\right] - 2\cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \,\right] \Big] \sin \left[\alpha\right]^2} \right] \right] \sin \left[\alpha\right]^2} \right] \cos \left[\alpha\right]^2 \cos \left[\alpha$$

$$\frac{2\,\text{MO}\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} + \frac{2\,\text{MO}\,\text{Cos}\,[2\,\alpha]\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg) \bigg/ \\ \left\{ 8\,\sqrt{\left[\frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}\,\text{MO}^2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma]} \right] - \frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \\ \left[\frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \right] \right] - \\ 2\,\text{Cos}\,\left[2\,\alpha-2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] + \\ 2\,\text{Cos}\,\left[2\,\alpha+2\,\text{ArcSin}\,\left[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] \right] + \\ \left[\frac{1}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} - \frac{1}{2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \right] \right] \right\} \\ \frac{1}{2\,\text{sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} - \frac{1}{2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} - \frac{1}{2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] - \\ \left[\frac{1}{2\,\text{MO}\,\text{Cos}\,[2\,\alpha-2\,\text{ArcSin}\,[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] - \\ \left[\frac{2\,\text{MO}\,\text{Cos}\,[2\,\alpha+2\,\text{ArcSin}\,[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] - \\ \left[\frac{2\,\sqrt{2}\,\sqrt{\left[\,\text{MO}^2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma]\,\left[\,\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] - \\ \left[\frac{2\,\text{Cos}\,[2\,\alpha-2\,\text{ArcSin}\,[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \right] \right] - \\ \left[\frac{2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \right] \right] - \\ \left[\frac{2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\alpha]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha]}} \right] - \\ \left[\frac{2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\alpha]}{2\,\text{Sin}\,[\alpha]-2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha]}} \right] \right] - \\ \left[\frac{2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\alpha]}$$

$$\begin{aligned} & \operatorname{Cos}\left[2\,\alpha + 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\,\right]\right]\right] \\ & \operatorname{Sin}\left[\alpha\right]^{2} \right/ \left(2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}\right)\right) \right) \right/ \\ & \left(2\sqrt{\frac{1}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\operatorname{M6}^{2}\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right] \left[6 + 2\operatorname{Cos}\left[\sigma\right] \right] \\ & \left(2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}\right]\right] - \\ & 2\operatorname{Cos}\left[2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]\right] + \\ & \operatorname{Cos}\left[2\alpha + 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]\right] + \\ & \left(2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}\right)\right) + \left(\operatorname{in}\operatorname{M0}\left(1 + \operatorname{Cos}\left[2\alpha\right]\right) \right) \\ & \operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}\right]\right] - \\ & 2\operatorname{M0}\operatorname{Cos}\left[2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]\right] + \\ & \operatorname{M0}\operatorname{Cos}\left[2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]\right] + \\ & \operatorname{M0}\operatorname{Cos}\left[2\alpha + 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]\right] + \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]\right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]}\right] \right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]}\right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]}\right] \right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}}\right]}\right] \right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]\operatorname{Sin}\left[\alpha\right]^{2}}\right]}\right] \right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\sigma\right]}{2\operatorname{Sin}\left[\alpha\right] - 2\operatorname{Cos}\left[\sigma\right]}}\right] \right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}\left[\alpha\right]^{2}\operatorname{Cos}\left[\alpha\right]}{2\operatorname{Cos}\left[\alpha\right]}\right]}\right] - \\ & \operatorname{Cos}\left[2\alpha - 2\operatorname{ArcSin}\left[\alpha\right]^{2}\operatorname{Cos}\left[\alpha\right]^{2}\right] - \\ & \operatorname{Co$$

$$2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \alpha^{2} \cos \sigma}{2 \sin \alpha} - 2 \cos \sigma} \sin \alpha^{2}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \alpha^{2} \cos \sigma}{2 \sin \alpha} - 2 \cos \sigma} \sin \alpha^{2}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \alpha^{2} \cos \sigma}{2 \sin \alpha} - 2 \cos \sigma} \sin \alpha^{2}\right]\right]\right] \\ \sin \left[\alpha\right]^{2} / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha^{2}\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha\right) / \left(2 \sin \alpha\right) - 2 \cos \sigma \sin \alpha\right) / \left(2 \sin \alpha\right) - 2 \cos \alpha\right) / \left(2 \sin \alpha\right$$

$$2\sqrt{2} \sqrt{\left(\left(M\theta^2 \cos[\alpha]^2 \cos[\sigma] \left(6 + 2 \cos[2\alpha] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}\right)\right]} - \frac{\cos[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}]] - \frac{2 \cos[2 \operatorname{ArcSin}[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}]]} + \frac{\cos[2\alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}]]]}{\sin[\alpha]^2} / \frac{\cos[\alpha]^2 \cos[\sigma] \sin[\alpha]^2}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} \right] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]]^2 \sec[\alpha]^2 - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]]^2 \sec[\alpha]^2 + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]]^2 \sec[\alpha]^2 + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\alpha]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\alpha]^2 \cos[\alpha]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}]] + \frac{\cos[\alpha]^2 \cos[\alpha]^2 \cos[\alpha$$

$$\begin{aligned} & \cos\left[2\,\alpha + 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]} - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big] \right] \, \text{Sin}[\alpha]^2 \Big] - \\ & \frac{2\,\text{M0}\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} - \frac{2\,\text{M0}\,\text{Cos}[2\,\alpha]\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \Big) \Big/ \\ & \left[8\,\sqrt{\left(\frac{1}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \,\text{M0}^2\,\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]} \,\left[6 + 2\,\text{Cos}[2\,\alpha] + \right. \right. \right. \\ & \left. \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] - \\ & \left. 2\,\text{Cos}\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha + 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] \right\} \\ & \left. \left[\sqrt{\left(\frac{1}{1 + \text{Cos}[2\,\alpha]} \left[-2 + 4\,\text{M0} - 2\,\text{Cos}[2\,\alpha] + \text{M0}\,\text{Cos}[2\,\alpha - 2\,\text{ArcSin}[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}} \,\right] \right] + \\ & \left. \text{M0}\,\text{Cos}\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. 2\,\sqrt{2}\,\sqrt{\left(\left(\text{M0}^2\,\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]} \left(\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right) \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] - \\ & \left. 2\,\text{Cos}\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos}\left[2\,\alpha - 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha] - 2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \,\right] \right] + \\ & \left. \text{Cos$$

$$\cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] \right]$$

$$\sin \left[\alpha\right]^2 \bigg/ \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2\right) \bigg| \bigg|$$

$$-4 \operatorname{M0} - \operatorname{M0} \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] +$$

$$2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] -$$

$$\operatorname{M0} \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] +$$

$$2 \operatorname{M0} \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right]^2 \operatorname{Sec} \left[\alpha\right]^2 +$$

$$2 \operatorname{M0} \cos \left[2 \alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right]^2 \operatorname{Sec} \left[\alpha\right]^2 +$$

$$2 \sqrt{2} \sqrt{\frac{1}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] -$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] +$$

$$\cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] +$$

$$\cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] \sin \left[\alpha\right]^2 \right] +$$

$$\frac{2 \operatorname{M0} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2} + \frac{2 \operatorname{M0} \cos \left[\alpha\right] \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2} \right) \right/$$

$$\left[8 \sqrt{\frac{1}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2} \operatorname{M0}^2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2 \cos \left[\sigma\right]} \left[6 + 2 \cos \left[\alpha\right] + \right] \right) \right}$$

$$\begin{aligned} &\text{Cos}\left[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] - \\ &2\,\text{Cos}\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] + \text{Cos}\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] + \text{Cos}\left[\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] \\ &\text{Abs}\Big[\text{Cos}\Big[\frac{\pi+\sigma}{4}\Big] \left(\cos\left[\alpha-\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]\,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] + \text{Cos}\Big[\alpha-\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] - \\ &2\,\text{MO}\,\text{Cos}\Big[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]\,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] + \\ &M\,\text{O}\,\text{Cos}\Big[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]\,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] + \\ &2\,\sqrt{2}\,\,\sqrt{\left[\left(\text{MO}^2\cos[\alpha]^2\cos[\sigma]\,\left(\frac{\cos[\alpha]^2\cos[\sigma]\,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}\,\,]\Big]} + \\ &2\,\cos[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]\,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] + \\ &C\,\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,]\Big] \right] \\ &S\,\text{Sin}[\alpha]^2\,\Big/\left(2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}\right) \Big] \Big] \Big] \end{aligned}$$

$$\left\{ 4\,\text{M0} + \text{M0} \cos\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] - \\ 2\,\text{M0} \cos\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] + \\ \text{M0} \cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] - \\ 2\,\text{M0} \cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right]^2\,\text{Sec}\left[\alpha\right]^2 - \\ 2\,\text{M0} \cos\left[2\,\alpha - \text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}\,\right]\right]^2\,\text{Sec}\left[\alpha\right]^2 + \\ 2\,\text{V2}\,\sqrt{\left[-\left(\left[\text{M0}^2\cos\left[\alpha\right]^2\cos\left[\sigma\right]\right]\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right]^2 - \\ \cos\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] + \\ 2\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] - \\ \cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] - \\ \frac{2\,\text{M0}\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2} - \frac{2\,\text{M0}\cos\left[\alpha\right]\,\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\right] \right] - \\ \frac{2\,\text{M0}\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2} - \frac{2\,\text{M0}\cos\left[\alpha\right]^2\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}} \right] - \\ \cos\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\right]}\right] - \\ \cos\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]}\,\cos\left[\alpha\right]}\right]}\right] - \\ \cos\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\cos\left[\alpha\right] - 2\,\cos\left[\sigma\right]}\right]$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \right] \sin \left[\alpha \right]^2 \right] \right) + \\ \left[\sqrt{\left[\frac{1}{1 + \cos \left[2 \alpha \right]} \left[-2 + 4 \operatorname{M0} - 2 \cos \left[2 \alpha \right] + \operatorname{M0} \cos \left[2 \alpha - 2 \operatorname{ArcSin} \right[\right] \right]} \right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \\ 2 \sqrt{2} \sqrt{\left[\left(\operatorname{M0}^2 \cos \left[\alpha \right]^2 \cos \left[\sigma \right] \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \\ 2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \right] - \\ \sin \left[\alpha \right]^2 / \left(2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2 \right) \right) \right] - \\ \sin \left[\alpha \right]^2 / \left(2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2 \right) \right] \right] + \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] - \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] - \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] \right] - \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] \right] - \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]}} \right] \right] \right] - \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\sigma \right]^2 \cos \left[\sigma \right]}} \right] \right] \right] - \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\sigma \right]} \right] \right] \right] \right] - \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\sigma \right]}}$$

$$\begin{tabular}{l} \begin{tabular}{l} \begin{tab$$

$$\begin{split} & i \operatorname{Sec}[\alpha] \sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \left(\left| i \operatorname{Csc}[\alpha] \operatorname{Sec}[\sigma] \left(2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2 \right) \right. \\ & \left. 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2 \right) \sqrt{\frac{1}{1 + \operatorname{Cos}[2 \, \alpha]}} \left[-2 + 4 \operatorname{M0} - 2 \operatorname{Cos}[2 \, \alpha] + \right. \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ & 2 \operatorname{M0} \operatorname{Cos}[2 \, \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ & 2 \sqrt{2} \sqrt{\left(\left| \operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \right| \left\{ 6 + 2 \operatorname{Cos}[2 \, \alpha] + \right. \right. \right. \\ & \left. \operatorname{Cos}[2 \, \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ & 2 \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ & \left. \operatorname{Cos}[2 \, \alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ & 2 \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma]}} \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma]}} \right] \right] \right] - \\ & \left. \operatorname{M0} \operatorname{Cos}[2 \, \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\alpha]}{2 \operatorname{Cos}[\alpha]$$

$$2 \ \text{M0} \ \text{Cos} \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 \ \text{Sec}[\alpha]^2 - \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha\right] \ \text{Cos} \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 \ \text{Sec}[\alpha]^2 + \\ 2 \ \sqrt{2} \ \sqrt{\left[\frac{1}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2} \text{Me}^2 \text{Cos}[\alpha]^2 \text{Cos}[\sigma]} \left[6 + 2 \text{Cos}[2 \ \alpha] + \frac{1}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}\right]\right] - \\ 2 \ \text{Cos} \left[2 \ \alpha - 2 \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}\right]\right] + \\ 2 \ \text{Cos} \left[2 \ \alpha + 2 \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}\right]\right] + \\ 2 \ \text{M0} \ \text{Cos}[\sigma] \ \text{Sin}[\alpha]^2 - \frac{2 \ \text{M0} \text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}\right]\right] + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - 2 \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right] + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right] + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha + 2 \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 \ \text{Sec}[\alpha]^2 + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 \ \text{Sec}[\alpha]^2 + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 \ \text{Sec}[\alpha]^2 + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 \ \text{Sec}[\alpha]^2 + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 \ \text{Sec}[\alpha]^2 + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}\right]\right]^2 \ \text{Sec}[\alpha]^2 + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - 2 \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^2}}}\right]\right]^2 + \\ 2 \ \text{M0} \ \text{Cos} \left[2 \ \alpha - 2 \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \text{Cos}[\sigma]}{2 \text{Sin}[\alpha] - 2 \text{Cos}[\sigma] \text{Sin}[\alpha]^$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] - \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \right] \\ \sin \left[\alpha \right]^2 \right] / \left(2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2 \right) \right) + \\ \frac{2 \operatorname{M0} \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2} + \frac{2 \operatorname{M0} \cos \left[2 \alpha \right] \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2} \right) \right] / \\ \left(32 \operatorname{M0} \left(1 + \cos \left[2 \alpha \right] \right) \sqrt{\frac{1}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right) \right] / \\ \left(32 \operatorname{M0} \left(1 + \cos \left[2 \alpha \right] \right) \sqrt{\frac{1}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right) \right] - \\ 2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ 2 \sqrt{2} \sqrt{\left[\left(\operatorname{M0}^2 \cos \left[\alpha \right)^2 \cos \left[\sigma \right]} \left[\operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] + \\ 2 \sqrt{2} \sqrt{\left[\left(\operatorname{M0}^2 \cos \left[\alpha \right)^2 \cos \left[\sigma \right]} \left[\operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right]} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right]} \right] \right] \right] \right] \right]$$

$$\begin{aligned} &\text{Cos} \left[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos} \left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \right] \Big] - \\ &2\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos} \left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \Big] \Big] + \\ &\text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos} \left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \Big] \Big] \Big] \\ &\text{Sin} \left[\alpha\right]^2 \Bigg] \bigg/ \left(2\,\text{Sin} \left[\alpha\right] - 2\,\text{Cos} \left[\sigma\right] \text{Sin}\left[\alpha\right]^2 \right) \Bigg) \bigg) \bigg] \\ &\text{Sin} \left[\alpha\right]^2 \Bigg] \bigg/ \left(2\,\text{Sin} \left[\alpha\right] - 2\,\text{Cos} \left[\sigma\right] \text{Sin}\left[\alpha\right]^2 \right) \bigg) \bigg] - \\ &2\,\text{M0}\,\text{Cos} \Big[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos} \left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \Big] \Big] - \\ &2\,\text{M0}\,\text{Cos} \Big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos} \left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \Big] \Big]^2\,\text{Sec} \left[\alpha\right]^2 - \\ &2\,\text{M0}\,\text{Cos} \left[2\,\alpha - \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos} \left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \Big] \Big]^2\,\text{Sec} \left[\alpha\right]^2 + \\ &2\,\sqrt{2}\,\sqrt{\left[-\left[\left(\text{M0}^2\,\text{Cos} \left[\alpha\right]^2 \text{Cos} \left[\sigma\right]} \left(-6 - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2 \right) \right] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}}} \, \Big] \Big] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}}} \, \Big] \Big] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}}} \, \Big] \Big] \right] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}}} \, \Big] \Big] \right] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}}} \, \Big] \Big] \right] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \Big] \Big] \right] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right] \text{Sin}\left[\alpha\right]^2}} \, \Big] \Big] \right] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \left[\alpha\right]^2 \text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\text{Cos}\left[\sigma\right]}} \, \Big] } \right] \right] - \\ &2\,\text{Cos} \left[2\,\text{ArcSin} \Big[\sqrt{$$

$$\frac{2\,\text{MO}\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} - \frac{2\,\text{MO}\,\text{Cos}[2\,\alpha]\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} - \frac{2\,\text{MO}\,\text{Cos}[2\,\alpha]\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \right] - \frac{2\,\text{MO}\,\text{Cos}[2\,\alpha]\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \right] \right] + \frac{2\,\text{MO}\,\text{Cos}[2\,\alpha-2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}] \right] - \frac{1}{2\,\text{MO}\,\text{Cos}[2\,\alpha+2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}] \right]^2 + \frac{1}{2\,\text{MO}\,\text{Cos}[2\,\alpha]\,\text{Cos}[\alpha]\,\text{Cos}[\alpha]\,\text{Sin}[\alpha]^2} \left[\frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \right] \right]^2 \text{Sec}[\alpha]^2 + \frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \left[\frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \right] \right]^2 - \frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \left[\frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2} \right] \right] - \frac{1}{2\,\text{Cos}[2\,\alpha]\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}} \right] \right] + \frac{1}{2\,\text{Cos}[2\,\alpha+2\,\text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}} \right] \right] + \frac{1}{2\,\text{MO}\,\text{Cos}[\sigma]} + \frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} + \frac{2\,\text{MO}\,\text{Cos}[\alpha]\,\text{Cos}[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \right] \right] - \frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} + \frac{2\,\text{MO}\,\text{Cos}[\alpha]\,\text{Cos}[\sigma]}\,\text{Sin}[\alpha]^2}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \right] \right] - \frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} + \frac{2\,\text{MO}\,\text{Cos}[\alpha]\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \right] \right] - \frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} + \frac{2\,\text{MO}\,\text{Cos}[\alpha]\,\text{Cos}[\alpha]\,\text{Sin}[\alpha]^2}}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} \right] \right] + \frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}} + \frac{1}{2\,\text{Sin}[\alpha]-2\,$$

$$\left[6 + 2 \cos \left[2 \alpha \right] + \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] -$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] +$$

$$\cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \right] \sin \left[\alpha \right]^2 \right] \right] \right]$$

$$i e^{i \phi} \left[-i \operatorname{Sec} \left[\alpha \right] \sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \left[\sqrt{\left[\frac{1}{1 + \cos \left[2 \alpha \right]} \left[-2 + 4 \operatorname{M} \theta - \right] \right]} \right] \right]$$

$$2 \cos \left[2 \alpha \right] + \operatorname{M} \theta \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] +$$

$$2 \operatorname{M} \theta \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] +$$

$$2 \sqrt{2} \sqrt{\left[\left(\operatorname{M} \theta^2 \cos \left[\alpha \right]^2 \cos \left[\sigma \right] \left[\left(-2 \cos \left[\sigma \right) \sin \left[\alpha \right)^2 \right) \right] \right] -$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] +$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] +$$

$$\cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] -$$

$$\sin \left[\alpha \right]^2 \right) / \left(2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2 \right) \right] \right]$$

$$\sin \left[\alpha \right]^2 \right) / \left(2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2 \right) \right] \right] -$$

$$4 \operatorname{M} \theta + \operatorname{M} \theta \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] -$$

$$4 \operatorname{M} \theta + \operatorname{M} \theta \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] -$$

$$2 \, \text{MOCOS} \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right] + \\ \text{MOCOS} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right] - \\ 2 \, \text{MOCOS} \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right]^2 \, \text{Sec} \left[\alpha\right]^2 - \\ 2 \, \text{MOCOS} \left[2 \, \alpha\right] \, \cos \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right]^2 \, \text{Sec} \left[\alpha\right]^2 + \\ 2 \, \sqrt{2} \, \sqrt{\left[-\left(\left| \text{MO}^2 \cos \left[\alpha\right]^2 \cos \left[\sigma\right] \right| - 6 - 2 \cos \left[\alpha\right] \sin \left[\alpha\right]^2} \right] \right]^2 + \\ 2 \, \cos \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right] + \\ 2 \, \cos \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right] - \\ \cos \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right] - \\ \frac{2 \, \text{MOCOS} \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \, \cos \left[\sigma\right] \sin \left[\alpha\right]^2} - \frac{2 \, \text{MOCOS} \left[\alpha\right] \cos \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \, \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right) \right] - \\ \frac{2 \, \text{MOCOS} \left[\sigma\right]}{2 \, \text{Sin}\left[\alpha\right] - 2 \, \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \frac{\left(\cos \left[\alpha\right]^2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \right] \right] - \\ \cos \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}} \, \right] \right] - \\ 2 \, \cos \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}} \, \right] \right] + \\ \cos \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}} \, \right] \right] + \\ \cos \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}} \, \right] \right] + \\ \cos \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}} \, \right] \right] \right] + \\ \cos \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right] \right] + \\ \cos \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \, \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}} \, \right] \right] \right] \right]$$

$$\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]\right)\sin\left[\alpha\right]^{2}\right]\right)+$$

$$\left(\sqrt{\left[\frac{1}{1+\cos\left[2\alpha\right]}\left[-2+4\operatorname{M}\theta-2\cos\left[2\alpha\right]+\operatorname{M}\theta\cos\left[2\alpha-2\operatorname{ArcSin}\left[\frac{\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{M}\theta\cos\left[2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{M}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{M}\theta\cos\left[2\alpha-2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha-2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}-\frac{1}{2\operatorname{Am}\theta\cos\left[2\alpha+2\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\right]\right]}$$

$$2\ M\theta\ Cos\left[\alpha-ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]^2\ Sec\left[\alpha\right]^2+$$

$$2\ M\theta\ Cos\left[2\ \alpha\right]\ Cos\left[\alpha-ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]^2\ Sec\left[\alpha\right]^2+$$

$$2\ \sqrt{2}\ \sqrt{\left|-\left(\left|M\theta^2Cos\left[\alpha\right]^2Cos\left[\sigma\right]\left[-6-2\ Cos\left[\alpha\right]Sin\left[\alpha\right]^2\right]\right]\right|^2\ Sec\left[\alpha\right]^2+}$$

$$2\ Cos\left[2\ \alpha-2\ ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]+$$

$$2\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]-$$

$$Cos\left[2\ \alpha+2\ ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]+$$

$$\frac{2\ M\theta\ Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}+\frac{2\ M\theta\ Cos\left[2\ \alpha\right]Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}\right]\right]/$$

$$\left\{8\ \sqrt{\left[\frac{1}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]^2+\frac{2\ M\theta\ Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]-$$

$$2\ Cos\left[2\ \alpha-2\ ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]+$$

$$Cos\left[2\ \alpha+2\ ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]\right] Sin\left[\alpha\right]^2\right]\right)\right]+$$

$$Cos\left[2\ \alpha+2\ ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right]\right] Sin\left[\alpha\right]^2\right]\right)\right]+$$

$$Cos\left[\alpha+ArcSin\left[\sqrt{\frac{Cos\left[\alpha\right]^2Cos\left[\sigma\right]}{2\ Sin\left[\alpha\right]-2\ Cos\left[\sigma\right]Sin\left[\alpha\right]^2}}\right]\right] Sin\left[\alpha\right]^2\right]\right)\right]+$$

$$\left(\left|\frac{1}{1+\cos{[\alpha]}} \operatorname{Sec}[\sigma] \left(2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2\right)\right| + \left(\frac{1}{1+\cos{[\alpha]}} \left(-2+4 \operatorname{M0} - 2 \operatorname{Cos}[2 \alpha] + \operatorname{M0} \operatorname{Cos}[2 \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right]\right] - \left(2 \operatorname{M0} \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right]\right] + \left(\operatorname{M0} \operatorname{Cos}[2 \alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right]\right] - \left(\operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\alpha] \left(-2 \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha]^2\right)\right)\right) - \left(\operatorname{Cos}[2 \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right]\right] + \left(\operatorname{Cos}[2 \alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right)\right) - \left(4 \operatorname{M0} + \operatorname{M0} \operatorname{Cos}[2 \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right] - \left(2 \operatorname{M0} \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right] - \left(2 \operatorname{M0} \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right] - \left(-2 \operatorname{M0} \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right] - \left(-2 \operatorname{M0} \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right] - \left(-2 \operatorname{M0} \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right] - \left(-2 \operatorname{M0} \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\cos{[\alpha]}^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}\right)\right)$$

$$2 \, \text{MO} \, \text{Cos} \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}}\right]\right]^2 \, \text{Sec}[\alpha]^2 - \\ 2 \, \text{MO} \, \text{Cos}[2 \, \alpha] \, \text{Cos} \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}}\right]\right]^2 \, \text{Sec}[\alpha]^2 + \\ 2 \, \sqrt{2} \, \sqrt{\left[\frac{1}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} \, \text{MO}^2 \, \text{Cos}[\alpha]^2 \, \text{Cos}[\sigma] \, \left[6 + 2 \, \text{Cos}[2 \, \alpha] + \frac{1}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}\right]\right] - \\ 2 \, \text{Cos}[2 \, \alpha - 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}]\right] + \\ 2 \, \text{Cos}[2 \, \alpha + 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}]\right] + \\ \frac{2 \, \text{MO} \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} - \frac{2 \, \text{MO} \, \text{Cos}[2 \, \alpha] \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}\right]\right] + \\ 2 \, \text{MO} \, \text{Cos}[2 \, \alpha - 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}}\right]\right] + \\ 2 \, \text{MO} \, \text{Cos}[2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}}\right]\right] + \\ 2 \, \text{MO} \, \text{Cos}[2 \, \alpha + 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}}\right]\right]^2 \, \text{Sec}[\alpha]^2 + \\ 2 \, \text{MO} \, \text{Cos}[\alpha - \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}}\right]\right]^2 \, \text{Sec}[\alpha]^2 + \\ 2 \, \text{MO} \, \text{Cos}[2 \, \alpha] \, \text{Cos}[\alpha - \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}}\right]\right]^2 \, \text{Sec}[\alpha]^2 + \\ 2 \, \text{MO} \, \text{Cos}[\alpha] \, \text{Cos}[\alpha]^2 \, \text{Cos}[\sigma] \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}}\right]\right] + \\ \text{Cos}[2 \, \alpha - 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}}\left[-6 - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}\right]\right]\right] + \\ \text{Cos}[2 \, \alpha - 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}}\left[-6 - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}\right]\right]\right] + \\ \text{Cos}[2 \, \alpha - 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}}\left[-6 - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}\right]\right]\right] + \\ \text{Cos}[2 \, \alpha - 2 \, \text{ArcSin}[\sqrt{\frac{\text{Cos}[\alpha]^2 \, \text{Cos}[\sigma]}}\left[-6 - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}\right]}\right]\right] + \\ \text{$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \operatorname{Cos} \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] \right] \\ \operatorname{Sin}[\alpha]^2 \right] / \left(2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2 \right) \right] + \\ \frac{2 \operatorname{M0} \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} + \frac{2 \operatorname{M0} \operatorname{Cos}[2\alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right) \right] / \\ \left[32 \operatorname{M0} \left(1 + \operatorname{Cos}[2\alpha] \right) \sqrt{\frac{1}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]} \\ \left[6 + 2 \operatorname{Cos}[2\alpha] + \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{Cos}\left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] \right] - \\ \operatorname{2} \operatorname{Cos}\left[2 \alpha \right] + \operatorname{M0} \operatorname{Cos}\left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{2} \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{2} \sqrt{2} \sqrt{\left[\left(\operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \left[\operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right) \right] + \\ \operatorname{2} \sqrt{2} \sqrt{\left[\left(\operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \left[\operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right) \right] + \\ \operatorname{2} \sqrt{2} \sqrt{2} \sqrt{\left[\left(\operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \left[\operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right) \right] + \\ \operatorname{2} \sqrt{2} \sqrt{2} \sqrt{\left[\left(\operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \left[\operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha]^2 - 2 \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha]^2} \right] \right] + \\ \operatorname{2} \sqrt{2} \sqrt{2} \sqrt{\left[\operatorname{M0}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \left[\operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha]^2 - 2 \operatorname{Cos}[\alpha] - 2 \operatorname{Cos}[\alpha$$

$$\begin{aligned} &\cos\left[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &2\,\cos\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\;\right]\Big] +\\ &\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\;\right]\Big]\Big] +\\ &\sin\left[\alpha\right]^{2}\Bigg/\left(2\,\sin\left[\alpha\right]-2\cos\left[\sigma\right]\,\sin\left[\alpha\right]^{2}\right)\Bigg]\Big) \\ &\sin\left[\alpha\right]^{2}\Bigg/\left(2\,\sin\left[\alpha\right]-2\cos\left[\sigma\right]\,\sin\left[\alpha\right]^{2}\right)\Bigg]\Big) \\ &4\,\text{M0}+\text{M0}\cos\left[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &2\,\text{M0}\cos\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &2\,\text{M0}\cos\left[\alpha-A\text{rcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big]^{2}\,\text{Sec}\left[\alpha\right]^{2} -\\ &2\,\text{M0}\cos\left[\alpha-A\text{rcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big]^{2}\,\text{Sec}\left[\alpha\right]^{2} +\\ &2\,\sqrt{2}\,\sqrt{\left[-\left(\left(\text{M0}^{2}\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]\left[-6-2\cos\left[\alpha\right]-\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}\right]\right]^{2}} +\\ &2\cos\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &\cos\left[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] -\\ &\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\sin\left[\alpha\right]-2\cos\left[\sigma\right]\sin\left[\alpha\right]^{2}}}\;\right]\Big] \right] -\end{aligned}$$

$$\frac{2 \, \text{MO} \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} [\alpha]^2)} - \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha] \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} [\alpha]^2} - \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha] \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} [\alpha]^2}} \right] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \right] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \right] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \right] \Big]^2 \, \text{Sec} \, [\alpha]^2 + \frac{2 \, \text{MO} \, \text{Cos} \, \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}}} \Big] \Big]^2 \, \text{Sec} \, [\alpha]^2 + \frac{2 \, \text{MO} \, \text{Cos} \, \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}}} \Big] \Big]^2 \, \text{Sec} \, [\alpha]^2 + \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \Big] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]} \, \text{Sin} \, [\alpha]^2}}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \Big] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]} \, \text{Sin} \, [\alpha]^2}}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \Big] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]} \, \text{Sin} \, [\alpha]^2}}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \Big] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]} \, \text{Sin} \, [\alpha]^2}}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \Big] \Big] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]} \, \text{Sin} \, [\alpha]^2}}{2 \, \text{Sin} \, [\alpha] - 2 \, \text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \Big] \Big] \Big] + \frac{2 \, \text{MO} \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [$$

$$\left(6 + 2 \cos \left[2 \alpha \right] + \cos \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] -$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] + \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha \right]^2 \cos \left[\sigma \right]}{2 \sin \left[\alpha \right] - 2 \cos \left[\sigma \right] \sin \left[\alpha \right]^2}} \right] \right] \right) \sin \left[\frac{\pi + \sigma}{4} \right] \right]^2$$

In[38]:= EvolvedThirdNormSq = Abs[EvolvedThird[[1]][[1]]]^2 + Abs[EvolvedThird[[2]][[1]]]^2 ZetaEvolvedThirdNormSq =

Abs[ZetaEvolvedThird[[1]][[1]]]^2 + Abs[ZetaEvolvedThird[[2]][[1]]]^2 DecisivenessThird = EvolvedThirdNormSq / (EvolvedThirdNormSq + ZetaEvolvedThirdNormSq)

$$\begin{array}{l} \text{Coursian} + \text{Abs} \left[-\mathrm{i} \ \mathrm{e}^{\mathrm{i} \cdot \varphi} \left(\operatorname{Cos} \left[\alpha + \tau \, \omega \right] \right. \operatorname{Sec} \left[\alpha \right] \, \operatorname{Sin} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] - \mathrm{i} \left. \operatorname{Cos} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \, \operatorname{Sec} \left[\alpha \right] \, \operatorname{Sin} \left[\tau \, \omega \right] \right]^2 + \\ + \text{Abs} \left[\operatorname{Cos} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \, \operatorname{Cos} \left[\alpha - \tau \, \omega \right] \, \operatorname{Sec} \left[\alpha \right] - \mathrm{e}^{\mathrm{i} \cdot \varphi} \, \operatorname{Sec} \left[\alpha \right] \, \operatorname{Sin} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \, \operatorname{Sin} \left[\tau \, \omega \right] \right]^2 \\ + \text{Coursian} + \text{Abs} \left[-\mathrm{i} \ \mathrm{e}^{\mathrm{i} \cdot \varphi} \, \operatorname{Sin} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \\ + \text{Coursian} + \text{Cos} \left[\alpha \right] \, \operatorname{Sin} \left[\tau \, \omega \right] \, \left[\left(\left(-4 \, \mathsf{N0} + 2 \, \mathsf{N0} \, \operatorname{Cos} \left[2 \, \tau \, \omega \right] - \mathsf{N0} \, \operatorname{Cos} \left[2 \, \alpha - 2 \, \tau \, \omega \right] - \mathsf{N0} \, \operatorname{Cos} \left[2 \, \alpha + 2 \, \tau \, \omega \right] + \\ + 2 \, \left(\mathsf{N0} \, \operatorname{Cos} \left[\alpha - \tau \, \omega \right]^2 \, \operatorname{Sec} \left[\alpha \right]^2 + 2 \, \mathsf{N0} \, \operatorname{Cos} \left[2 \, \alpha \right] \, \operatorname{Cos} \left[2 \, \alpha - \tau \, \omega \right]^2 \, \operatorname{Sec} \left[\alpha \right]^2 + 2 \, \mathsf{N0} \, \operatorname{Sec} \left[\alpha \right]^2 \\ + 2 \, \mathsf{N0} \, \operatorname{Cos} \left[2 \, \alpha \right] \, \operatorname{Sec} \left[\alpha \right]^2 + 2 \, \mathsf{N0} \, \operatorname{Cos} \left[2 \, \alpha \right] \, \operatorname{Cos} \left$$

$$Sin[\alpha]^2 Sin[\tau\omega]^2)) + \\ Cos[\alpha + \tau\omega] Sec[\alpha] \left(\left[i Cos[\alpha] Cot[\alpha] Csc[\tau\omega]^2 \left(-4 N\theta + 2 N\theta Cos[2\tau\omega] - -4 N\theta Cos[2\alpha + 2\tau\omega] - -4 N\theta Cos[2\alpha + 2\tau\omega] - -4 N\theta Cos[2\alpha] Cos[\alpha - \tau\omega]^2 Sec[\alpha]^2 + 2 N\theta Cos[2\alpha] Cos[\alpha - \tau\omega]^2 Sec[\alpha]^2 + 2 N\theta Sec[\alpha]^2 Sin[\tau\omega]^2 + 2 N\theta Cos[2\alpha] Cos[2\tau\omega] Cos[2\alpha + 2 \tau\omega] Cos[2\alpha + 2 \tau\omega] Sin[\alpha]^2 Sin[\tau\omega]^2) \right) \\ \sqrt{\left(\frac{1}{1 + Cos[2\alpha]} \left(-2 + 4 N\theta - 2 Cos[2\alpha] - 2 N\theta Cos[2\tau\omega] + N\theta Cos[2\alpha - 2 \tau\omega] + N\theta Cos[2\alpha + 2 \tau\omega] - 2 \sqrt{2} \sqrt{(N\theta^2 (6 + 2 Cos[2\alpha] - 2 Cos[2\tau\omega] + N\theta Cos[2\alpha + 2 \tau\omega] - 2 N\theta Cos[\alpha - \tau\omega]^2 Sec[\alpha]^2 - 2 N\theta Cos[2\alpha] - 2 N\theta Cos[\alpha - \tau\omega]^2 Sec[\alpha]^2 - 2 N\theta Cos[2\alpha] - 2 N\theta$$

$$2 \, \text{NO} \, \text{Cos}[2 \, \alpha] \, \text{Sec}[\alpha]^2 \, \text{Sin}[\tau \, \omega]^2 + 2 \, \sqrt{2} \, \sqrt{4} \, \left(\, \text{NO}^2 \left(\, 6 \, \, 2 \, \text{Cos}[2 \, \alpha] \, \right) \right. } \\ 2 \, \text{Cos}[2 \, \tau \, \omega] - \text{Cos}[2 \, \alpha - 2 \, \tau \, \omega] - \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] \right) \, \text{Sin}[\alpha]^2 \, \text{Sin}[\tau \, \omega]^2 \right) } \\ \sqrt{\left(\frac{1}{1 + \text{Cos}[2 \, \alpha]} \left(-2 + 4 \, \text{NO} - 2 \, \text{Cos}[2 \, \alpha] - 2 \, \text{NO} \, \text{Cos}[2 \, \tau \, \omega] + \text{NO} \, \text{Cos}[2 \, \alpha - 2 \, \tau \, \omega] + \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \sqrt{2} \, \sqrt{4} \, \left(\text{NO}^2 \left(6 + 2 \, \text{Cos}[2 \, \alpha] - 2 \, \text{Cos}[2 \, \tau \, \omega] + \text{Cos}[2 \, \alpha - 2 \, \tau \, \omega] + \text{Cos}[2 \, \alpha - 2 \, \tau \, \omega] + \text{Cos}[2 \, \alpha - 2 \, \tau \, \omega] + \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha - 2 \, \tau \, \omega] + \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2 \, \alpha + 2 \, \tau \, \omega] + 2 \, \text{NO} \, \text{Cos}[2$$

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\operatorname{Sec}\left[\alpha\right]^{2}-\operatorname{2}\operatorname{N0}\operatorname{Sec}\left[\alpha\right]^{2}\operatorname{Sin}\left[\tau\;\omega\right]^{2}-\operatorname{2}\operatorname{N0}\operatorname{Cos}\left[\operatorname{2}\alpha\right]\operatorname{Sec}\left[\alpha\right]^{2}\operatorname{Sin}\left[\tau\;\omega\right]^{2}+\operatorname{2}\sqrt{2}
                        \sqrt{(-N0^2 (-6-2 \cos[2 \alpha] + 2 \cos[2 \tau \omega] - \cos[2 \alpha - 2 \tau \omega] - \cos[2 \alpha + 2 \tau \omega])}
                               \mathrm{Sin}\left[\alpha\right]^{2}\,\mathrm{Sin}\left[\tau\;\omega\right]^{2}\big)\,\Big)\;\sqrt{\left(\frac{1}{1+\mathrm{Cos}\left[2\;\alpha\right]}\left(-2+4\,\mathrm{N0}-2\,\mathrm{Cos}\left[2\;\alpha\right]\right.\right.\right.}
                          2 N0 Cos [2 \tau \omega] + N0 Cos [2 \alpha - 2 \tau \omega] + N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2}
                             \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega])}
                                     \operatorname{Sin}[\alpha]^{2} \operatorname{Sin}[\tau \omega]^{2}))) / (8 \sqrt{(N0^{2} (6 + 2 \cos[2 \alpha] - 2 \cos[2 \tau \omega] +
                             Cos[2\alpha - 2\tau\omega] + Cos[2\alpha + 2\tau\omega]) Sin[\alpha]^2 Sin[\tau\omega]^2) +
\cos [\alpha + \tau \omega] \operatorname{Sec} [\alpha] \left[ i \operatorname{Cos} [\alpha] \operatorname{Cot} [\alpha] \operatorname{Csc} [\tau \omega]^2 \left( -4 \operatorname{N0} + 2 \operatorname{N0} \operatorname{Cos} [2 \tau \omega] - 4 \operatorname{N0} \right) \right] \right]
                     N0 Cos [2\alpha - 2\tau\omega] - N0 Cos [2\alpha + 2\tau\omega] + 2 N0 Cos [\alpha - \tau\omega]^2 Sec [\alpha]^2 +
                     2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] 2 Sec [\alpha] 2 + 2 N0 Sec [\alpha] 2 Sin [\tau \omega] 2 +
                     2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos[2 \alpha] +
                                     2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \right) \right)
                          NØ Cos [ 2 \alpha + 2 \tau \omega ] - 2 \sqrt{2} \sqrt{ (NØ<sup>2</sup> (6 + 2 Cos [ 2 \alpha ] - 2 Cos [ 2 \tau \omega ] +
                                          \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                 oxed{4 \ NO - 2 \ NO \ Cos [2 \ \tau \ \omega] + NO \ Cos [2 \ \alpha - 2 \ \tau \ \omega] + NO \ Cos [2 \ \alpha + 2 \ \tau \ \omega] -}
                     2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                      2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 – 2 N0 Cos [2 \alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                      2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                               \mathsf{Sin}\left[\alpha\right]^{2}\,\mathsf{Sin}\left[\left.\tau\;\omega\right]^{2}\right)\Big)\,\bigg|\,\bigg/\,\left(\mathsf{32}\,\mathsf{N0}\,\left(\mathsf{1}+\mathsf{Cos}\left[\mathsf{2}\;\alpha\right]\right)\,\sqrt{\left(\mathsf{N0}^{2}\,\left(\mathsf{6}+\mathsf{2}\,\mathsf{Cos}\left[\mathsf{2}\;\alpha\right]\right)\right)}\right)
                             2 Cos [2 \tau \omega] + Cos [2 \alpha - 2 \tau \omega] + Cos [2 \alpha + 2 \tau \omega] ) Sin [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup>) ) -
           i Cos[\alpha] Cot[\alpha] Csc[\tau \omega]^2 (4 NO - 2 NO Cos[2 \tau \omega] + NO Cos[2 \alpha - 2 \tau \omega] +
                     N0 Cos [2\alpha + 2\tau\omega] - 2 N0 Cos [\alpha - \tau\omega]^2 Sec [\alpha]^2 -
                     2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 -
                     2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos[2 \alpha] +
                                     2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2})
                N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                          \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                  -4 N0 + 2 N0 Cos [2 	au \omega] - N0 Cos [2 lpha - 2 	au \omega] - N0 Cos [2 lpha + 2 	au \omega] +
                      2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2
                      2 NØ Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 NØ Cos [2 \alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                      2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
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2 NO Sec [\alpha]^2 Sin [\tau \omega]^2 – 2 NO Cos [2\alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                                                    2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                                                      \operatorname{Sin}[\alpha]^{2} \operatorname{Sin}[\tau \omega]^{2}) \Big) \Big/ \Big(32 \operatorname{N0} (1 + \operatorname{Cos}[2 \alpha]) \sqrt{\operatorname{N0}^{2} (6 + 2 \operatorname{Cos}[2 \alpha] - \operatorname{N0})} \Big) \Big) \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big) \Big| \Big/ \Big( (6 + 2 \operatorname{Cos}[2 \alpha]) \Big| \Big/ \Big( (6 + 2 \operatorname
                                                                                  2 \cos [2 \tau \omega] + \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^{2} \sin [\tau \omega]^{2}) -
                                                  i Cos[\alpha] Cot[\alpha] Csc[\tau \omega]^2 (4 NO - 2 NO Cos[2 \tau \omega] + NO Cos[2 \alpha - 2 \tau \omega] +
                                                                    N0 Cos [2 \alpha + 2 \tau \omega] - 2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                                                    2 N0 Cos [2 \alpha] Cos [\alpha – \tau \omega] 2 Sec [\alpha] 2 – 2 N0 Sec [\alpha] 2 Sin [\tau \omega] 2 –
                                                                    2 N0 Cos [2 \alpha] Sec [\alpha] <sup>2</sup> Sin [\tau \omega] <sup>2</sup> + 2 \sqrt{2} \sqrt{(-N0^2 (-6-2 \cos[2 \alpha] +
                                                                                                 2 \cos [2 \tau \omega] - \cos [2 \alpha - 2 \tau \omega] - \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                           \sqrt{\frac{1}{1 + \cos[2\alpha]}} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \text{N0} \, \cos[2\alpha - 2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \left( -2 + 4 \, \text{N0} - 2 \, \cos[2\alpha] - 2 \, \text{N0} \, \cos[2\tau\omega] + \frac{1}{1 + \cos[2\alpha]} \right) \right)
                                                                             N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                         \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                             \left( – 4 N0 + 2 N0 Cos \left[ 2 \tau \omega \right] – N0 Cos \left[ 2 \alpha – 2 \tau \omega \right] – N0 Cos \left[ 2 \alpha + 2 \tau \omega \right] +
                                                                    2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 + 2
                                                                    2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 + 2 N0 Cos [2 \alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                                                    2\sqrt{2}\sqrt{N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]}
                                                                                               \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                  (32 \text{ NO} (1 + \cos[2\alpha]) \sqrt{(\text{NO}^2 (6 + 2\cos[2\alpha] - 2\cos[2\tau\omega] + \cos[2\alpha])})
                                                                                      2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
Abs \left[\cos\left[\frac{1}{4}\left(\pi+\frac{\sigma}{2}\right)\right]\left(-i\operatorname{Sec}\left[\alpha\right]\operatorname{Sin}\left[\tau\omega\right]\left(\sqrt{\left(\frac{1}{1+\operatorname{Cos}\left[2\alpha\right]}\left(-2+4\operatorname{N0}-2\operatorname{Cos}\left[2\alpha\right]-1\right)\right)}\right)\right]
                                                                             2 N0 Cos [2 \tau \omega] + N0 Cos [2 \alpha - 2 \tau \omega] + N0 Cos [2 \alpha + 2 \tau \omega] -
                                                                             2 \sqrt{2} \sqrt{\left(\text{N0}^2\left(6+2\cos\left[2\,\alpha\right]-2\cos\left[2\,\tau\,\omega\right]+\cos\left[2\,\alpha-2\,\tau\,\omega\right]\right.}
                                                                                                         Cos[2\alpha + 2\tau\omega]) Sin[\alpha]^2 Sin[\tau\omega]^2)
                                                            ig(4 N0 - 2 N0 Cos [2 	au \omega <math>] + N0 Cos [2 lpha - 2 	au \omega <math>] + N0 Cos [2 lpha + 2 	au \omega <math>] -
                                                                    2 N0 Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 - 2 N0 Cos [2\alpha] Cos [\alpha - \tau \omega]^2 Sec [\alpha]^2 -
                                                                    2 N0 Sec [\alpha]^2 Sin [\tau \omega]^2 – 2 N0 Cos [2\alpha] Sec [\alpha]^2 Sin [\tau \omega]^2 +
                                                                    2\sqrt{2}\sqrt{(N0^2(6+2\cos[2\alpha]-2\cos[2\tau\omega]+\cos[2\alpha-2\tau\omega]+\cos[2\alpha+2\tau\omega])}
                                                                                      \operatorname{Sin}[\alpha]^{2}\operatorname{Sin}[\tau \omega]^{2})) \bigg| \bigg/ \bigg(8\sqrt{\operatorname{N}\theta^{2}}(6+2\operatorname{Cos}[2\alpha]-2\operatorname{Cos}[2\tau\omega]+
                                                                                  \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2) +
                                              \sqrt{\left(\frac{1}{1 + \cos[2\alpha]}\left(-2 + 4 \,\text{N0} - 2 \,\cos[2\alpha] - 2 \,\text{N0} \,\cos[2\tau\omega] + \text{N0} \,\cos[2\alpha - 2\tau\omega] + \right)}
                                                                             N0 Cos [2 \alpha + 2 \tau \omega] + 2 \sqrt{2} \sqrt{(N0^2 (6 + 2 \cos [2 \alpha] - 2 \cos [2 \tau \omega] +
                                                                                                         \cos [2 \alpha - 2 \tau \omega] + \cos [2 \alpha + 2 \tau \omega]) \sin [\alpha]^2 \sin [\tau \omega]^2)
                                                            [-4 \text{ N0} + 2 \text{ N0 Cos} [2 \tau \omega] - \text{N0 Cos} [2 \alpha - 2 \tau \omega] - \text{N0 Cos} [2 \alpha + 2 \tau \omega] +
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$$\begin{array}{c} 2 \ NO \cos \left(\alpha - \tau \, \omega\right)^2 \sec \left(\alpha\right)^2 + 2 \ NO \cos \left\{2 \, \alpha\right\right \cos \left(\alpha\right)^2 \sin \left(\tau \, \omega\right)^2 + 2 \ NO \cos \left\{2 \, \alpha\right\right \sec \left(\alpha\right)^2 \sin \left(\tau \, \omega\right)^2 + 2 \ NO \cos \left\{2 \, \alpha\right\right \sec \left(\alpha\right)^2 \sin \left(\tau \, \omega\right)^2 + 2 \ NO \cos \left\{2 \, \alpha\right\right \sec \left(\alpha\right)^2 \sin \left(\tau \, \omega\right)^2 + 2 \ NO \cos \left\{2 \, \alpha\right\right - 2 \cos \left\{2 \, \tau \, \omega\right\right] + \cos \left\{2 \, \alpha\right + 2 \, \tau \, \omega\right) \right) \\ = \sin \left(\alpha\right)^2 \sin \left(\tau \, \omega\right)^2 \right) \Bigg) \Bigg/ \left(8 \sqrt{\left(NO^2 \left(6 + 2 \cos \left\{2 \, \alpha\right\right) - 2 \cos \left\{2 \, \tau \, \omega\right\right) + \cos \left\{2 \, \alpha\right + 2 \, \tau \, \omega\right\right)} \right) \\ = \cos \left(\alpha\right)^2 \sin \left(\tau \, \omega\right)^2 \right) \Bigg) \Bigg/ \left(8 \sqrt{\left(NO^2 \left(6 + 2 \cos \left\{2 \, \alpha\right\right) - 2 \cos \left\{2 \, \tau \, \omega\right\right) + \cos \left\{2 \, \alpha\right\right)} + \cos \left(\alpha\right)^2 \sin \left(\tau \, \omega\right)^2 \right) \Bigg) + \\ \cos \left(\alpha - \tau \, \omega\right) \sec \left(\alpha\right) \Bigg] - \left(\left[\frac{1}{6} \ NO \left(1 + \cos \left\{2 \, \alpha\right\right)\right] \sec \left(\alpha\right) \sin \left[\tau \, \omega\right]^2 \right) \right) \Bigg) + \\ \cos \left(\alpha - \tau \, \omega\right) \sec \left(\alpha\right) \Bigg] - \left(\left[\frac{1}{6} \ NO \left(1 + \cos \left\{2 \, \alpha\right\right)\right] \sec \left(\alpha\right) \sin \left[\tau \, \omega\right]^2 \right) \Bigg) \Bigg) + \\ - \cos \left(\alpha - \tau \, \omega\right) \sec \left(\alpha\right) \Bigg] - \left(\left[\frac{1}{6} \ NO \left(1 + \cos \left\{2 \, \alpha\right\right)\right] \sec \left(\alpha\right) \sin \left[\tau \, \omega\right]^2 \right) \Bigg) \Bigg) - \cos \left(\alpha\right) - 2 \cos \left(\alpha\right) - 2 \cos \left(\alpha\right) + \cos \left(\alpha\right) - 2 \cos \left$$

$$2 \operatorname{NOSec}[\alpha]^2 \operatorname{Sin}[\tau \omega]^2 \cdot 2 \operatorname{NOCos}[2 \alpha] \operatorname{Sec}[\alpha]^2 \operatorname{Sin}[\tau \omega]^2 + 2 \sqrt{2} \sqrt{|\operatorname{NO2}|} \left(6 + 2 \operatorname{Cos}[2 \alpha] - 2 \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \alpha - 2 \tau \omega] + \operatorname{Cos}[2 \alpha] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{NO}[2 \tau \omega]^2 \operatorname{NO}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{NO}[2 \tau \omega]^2 \operatorname{Cos}[2 \tau \omega] + \operatorname{NO}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{NO}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{NO}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{NO}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] \operatorname{Cos}[2 \tau \omega] + \operatorname{Cos}[2 \tau \omega] \operatorname{Cos$$

 $\left| \operatorname{Abs} \left[- i \operatorname{Cos} \left[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \right] \operatorname{Sec} \left[\alpha \right] \right. \sqrt{ \frac{\operatorname{Cos} \left[\alpha \right]^2 \operatorname{Cos} \left[\sigma \right]}{2 \operatorname{Sin} \left[\alpha \right] - 2 \operatorname{Cos} \left[\sigma \right] \operatorname{Sin} \left[\alpha \right]^2} \right. -$

$$\begin{split} & i \, e^{i \, + \varphi} \, \mathsf{Cos} \left[\alpha + \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \right] \Big] \, \mathsf{Sec} \left[\alpha \right] \, \mathsf{Sin} \Big[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \Big] \Big]^2 \, + \\ & \mathsf{Abs} \Big[\mathsf{Cos} \Big[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \Big] \, \mathsf{Cos} \Big[\alpha - \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \Big] \Big] \, \mathsf{Sec} \left[\alpha \right] \, - \\ & e^{i \, \phi} \, \mathsf{Sec} \left[\alpha \right] \, \sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \mathsf{Sin} \Big[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \Big] \Big]^2 \, + \\ & \mathsf{Abs} \Big[\mathsf{Cos} \Big[\frac{1}{4} \left(\pi + \frac{\sigma}{2} \right) \Big] \, \Big[\mathsf{Cos} \left[\alpha - \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \Big] \Big] \, \mathsf{Sec} \left[\alpha \right] \\ & - \left(\left[i \, \mathsf{M0} \, \left(1 + \mathsf{Cos} \left[2 \, \alpha \right] \right) \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2} \, \right] \right) \, \mathsf{Sec} \left[\alpha \right] \\ & - \left(\left[i \, \mathsf{M0} \, \left(1 + \mathsf{Cos} \left[2 \, \alpha \right] \right) \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2} \, \right] \right] - \\ & - 2 \, \mathsf{M0} \, \mathsf{Cos} \left[2 \, \alpha - 2 \, \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \right] \Big] - \\ & - 2 \, \mathsf{M0} \, \mathsf{Cos} \left[2 \, \alpha + 2 \, \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \right] \Big] - \\ & - 2 \, \sqrt{2} \, \sqrt{\left[\left(\mathsf{M0}^2 \, \mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma] \, \left[\sigma \right] \, \mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]} \, \mathsf{Sin} [\alpha]^2} \, \right]} \right] - \\ & - 2 \, \mathsf{Cos} \Big[2 \, \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \Big] \Big] - \\ & - 2 \, \mathsf{Cos} \Big[2 \, \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}}} \, \Big] \Big] - \\ & - 2 \, \mathsf{Cos} \Big[2 \, \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \Big] \Big] \Big] - \\ & - 2 \, \mathsf{Cos} \Big[2 \, \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \, - 2 \, \mathsf{Cos} [\sigma] \, \mathsf{Sin} [\alpha]^2}} \, \Big] \Big] \Big] - \\ & - 2 \, \mathsf{Cos} \Big[2 \, \mathsf{ArcSin} \Big[\sqrt{\frac{\mathsf{Cos} [\alpha]^2 \, \mathsf{Cos} [\sigma]}{2 \, \mathsf{Sin} [\alpha] \,$$

$$2\sqrt{\left(|\mathsf{M}\Theta^2 \mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma] \right)} \left(6 + 2 \mathsf{Cos}[2\alpha] + \mathsf{Cos}[2\alpha - 2 \mathsf{ArcSin}[$$

$$\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \right) \right] -$$

$$2 \mathsf{Cos}[2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \right] \right] +$$

$$\mathsf{Cos}[2\alpha + 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \right] \right] \mathsf{Sin}[\alpha]^2 \Big) /$$

$$(2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2) \Big) \left(2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2 \right) \Big) +$$

$$(i \mathsf{M}\Theta (1 + \mathsf{Cos}[2\alpha]) \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2) \Big) \Big(2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2) \Big) \Big) +$$

$$2 \mathsf{Cos}[2\alpha] + \mathsf{M}\Theta \mathsf{Cos}[2\alpha - 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \right) \Big] -$$

$$2 \mathsf{M}\Theta \mathsf{Cos}[2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \right) \Big] +$$

$$2 \sqrt{2} \sqrt{\Big(\Big(\mathsf{M}\Theta^2 \mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma] \Big) \Big(6 + 2 \mathsf{Cos}[2\alpha] +$$

$$\mathsf{Cos}[2\alpha - 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \Big) \Big] + \mathsf{Cos}[2\alpha - 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}}} \Big) \Big] + \mathsf{Cos}[2\alpha + 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}}} \Big) \Big] + \mathsf{Cos}[2\alpha + 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \Big) \Big] + \mathsf{Cos}[2\alpha + 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \Big] \Big] + \mathsf{Cos}[\alpha] +$$

$$\mathsf{Cos}[2\alpha + 2 \mathsf{ArcSin}[\sqrt{\frac{\mathsf{Cos}[\alpha]^2 \mathsf{Cos}[\sigma]}{2 \mathsf{Sin}[\alpha] - 2 \mathsf{Cos}[\sigma] \mathsf{Sin}[\alpha]^2}} \Big] \Big] + \mathsf{Cos}[\alpha] + \mathsf{Cos}[\alpha]$$

$$\left(2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2\right) \right) \right) / \left(2 \sqrt{\left(\left(M\theta^2 \cos [\alpha]^2 \cos [\sigma]\right)^2 + \cos [\alpha]^2 \cos [\sigma]\right)} \right) \right)$$

$$\left(6 + 2 \cos [2 \alpha] + \cos [2 \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}]\right) - \frac{1}{2 \cos [2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}]\right) + \frac{1}{2 \cos [2 \alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}]\right) \sin [\alpha]^2} \right) /$$

$$\left(2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2\right) \left(2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2\right) \right) - \frac{1}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} \left[\left(\sqrt{\frac{1}{1 + \cos [2 \alpha]} \left(-2 + 4 M \theta - \frac{1}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}\right)}\right) - \frac{1}{2 \cos [2 \alpha] + M \theta \cos [2 \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}]\right) - \frac{1}{2 \cos [2 \alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}]\right) - \frac{1}{2 \cos [2 \alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}]\right) - \frac{1}{2 \cos [2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}]}\right) - \frac{1}{2 \cos [2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}]}\right) - \frac{1}{2 \cos [2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}]}]\right) + \frac{1}{2 \cos [2 \operatorname{ArcSin}[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}]}]}$$

$$\left\{ \begin{array}{l} \operatorname{Sin}[\alpha]^2 \right\} / \left(2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2 \right) \right) \right\} \\ \left\{ \operatorname{AMO} + \operatorname{MO} \operatorname{Cos} \left[2 \alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ 2 \operatorname{MO} \operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{MO} \operatorname{Cos} \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ 2 \operatorname{MO} \operatorname{Cos} \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right]^2 \operatorname{Sec}[\alpha]^2 - \\ 2 \operatorname{MO} \operatorname{Cos} \left[2 \alpha \right] \operatorname{Cos}[\alpha] - \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right]^2 \operatorname{Sec}[\alpha]^2 + \\ 2 \sqrt{2} \sqrt{\left[\left(\operatorname{MO}^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ 2 \operatorname{Cos} \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{Cos} \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \frac{2 \operatorname{MO} \operatorname{Cos}[\alpha]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right) \right] - \frac{2 \operatorname{MO} \operatorname{Cos}[\alpha]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[2 \alpha] \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha]^2}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \operatorname{MO} \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\alpha] \operatorname{Sin}[\alpha]^2}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}$$

$$2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] \right) \sin \left[\alpha\right]^2\right] / \\ \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2\right)\right) + \left(\sqrt{\left[\frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 4 \operatorname{M}\theta - \frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 2 \operatorname{M}\theta - \frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 2 \operatorname{M}\theta - \frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 2 \operatorname{M}\theta - \frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 2 \operatorname{M}\theta - \frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 2 \operatorname{M}\theta - \frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 2 \operatorname{M}\theta - \frac{1}{1 + \cos \left[2 \alpha\right]}\left[-2 + 2 \operatorname{M}\theta - \frac{1}{1 + \cos \left[\alpha\right]^2 \cos \left[\sigma\right]} \sin \left[\alpha\right]^2}\right]\right] + \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ \sin \left[\alpha\right]^2 / \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2\right)\right) \right] - \\ \sin \left[\alpha\right]^2 / \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2\right)\right] + \\ 2 \operatorname{M}\theta \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]}\right]}\right] - \\ \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin$$

$$\begin{split} &\text{M0} \, \text{Cos} \big[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}} \, \big] \big] + \\ &2\, \text{M0} \, \text{Cos} \big[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}} \, \big] \big]^2 \, \text{Sec}\, [\alpha]^2 + \\ &2\, \text{M0} \, \text{Cos}\, [2\,\alpha] \, \text{Cos}\, [\alpha - \text{ArcSin} \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}} \, \big] \big]^2 \, \text{Sec}\, [\alpha]^2 + \\ &2\, \sqrt{2} \, \sqrt{\left[\left(\text{M0}^2 \, \text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma] \, \left(\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2} \, \right]} \big] \big] - \\ &2\, \text{Cos}\, \big[2\, \alpha - 2\, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}} \, \big] \big] + \\ &2\, \text{Cos}\, \big[2\, \alpha + 2\, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}} \, \big] \big] + \\ &2\, \text{M0} \, \text{Cos}\, \big[2\,\alpha - 2\, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2 \big]} \bigg) \bigg) \bigg/ \left\{ 8\, \sqrt{\left[\left(\text{M0}^2 \, \text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2 \, 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2} \, \right]} \, \big] \right] - \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\, \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}} \, \big] \big] \right\} + \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\, \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}}} \, \big] \big] \bigg] - \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\, \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}}} \, \big] \big] \bigg] - \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\, \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}}} \, \big] \bigg] \bigg] - \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\, \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\sigma]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}}} \, \big] \bigg] \bigg] - \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\, \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\alpha]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\sigma] \, \text{Sin}\, [\alpha]^2}}} \, \big] \bigg] \bigg] - \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\, \Big[\sqrt{\frac{\text{Cos}\, [\alpha]^2 \, \text{Cos}\, [\alpha]}{2 \, \text{Sin}\, [\alpha] - 2 \, \text{Cos}\, [\alpha] \, \text{Sin}\, [\alpha]^2}}} \, \big] \bigg] \bigg] - \\ &2\, \text{Cos}\, \big[2\, \text{ArcSin}\,$$

$$\begin{split} & i e^{i \cdot \phi} \left(-i \cdot Sec\left[\alpha\right] \sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \, \left(-\left(\left(i \cdot M\theta \left(1 + \cos\left[2\,\alpha\right] \right) \right) \right) \right) \right) \\ & & Cos\left[\sigma\right] \sin\left[\alpha\right] \sqrt{\frac{1}{1 + \cos\left[2\,\alpha\right]}} \left(-2 + 4 \cdot M\theta - 2 \cos\left[2\,\alpha\right] + \right) \\ & & M\theta \cos\left[2\,\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \right] \right] - \\ & & 2 \cdot M\theta \cos\left[2\,\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \right] \right] + \\ & & M\theta \cos\left[2\,\alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \right] \right] - \\ & & 2 \cdot \sqrt{2} \sqrt{\left(\left(M\theta^2 \cos\left[\alpha\right]^2 \cos\left[\sigma\right] \left(6 + 2 \cos\left[\alpha\right]^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2} \right) \right] - \\ & & 2 \cos\left[2\,\operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \right] \right] + \\ & & \cos\left[2\,\alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \right] \right] \right) \\ & & \sin\left[\alpha\right]^2 \right) / \left(2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right) \right) \right) \right) / \\ & \left(2 \sqrt{\left(\left(M\theta^2 \cos\left[\alpha\right]^2 \cos\left[\sigma\right] \left(6 + 2 \cos\left[\alpha\right] \sin\left[\alpha\right]^2 \right) \right) \right) \right) / \\ & \left(2 \sqrt{\left(\left(M\theta^2 \cos\left[\alpha\right]^2 \cos\left[\sigma\right] \left(6 + 2 \cos\left[\alpha\right] \sin\left[\alpha\right]^2 \right) \right) \right) \right) / \left(2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2} \right) \right] - \\ & 2 \cos\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \right] \right] + \\ & 2 \cos\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2 \cos\left[\sigma\right]}{2 \sin\left[\alpha\right] - 2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2}} \right] \right] + \\ \end{aligned}$$

$$\begin{aligned} &\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big]\right) \\ &\sin\left[\alpha\right]^2\Big] / \\ &\left(2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2\right) \left(2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2\right) \right) + \\ &\left[\text{iMO}\left(1+\cos[2\,\alpha]\right)\,\cos[\sigma]\,\text{Sin}[\alpha]}\,\,\sqrt{\left[\frac{1}{1+\cos[2\,\alpha]}\left[-2+4\,\text{MO}-\frac{1}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}\right]}\right] + \\ &2\,\text{Cos}[2\,\alpha]+\text{MO}\,\text{Cos}\left[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big] + \\ &2\,\text{MO}\,\text{Cos}\left[2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big] + \\ &2\,\sqrt{2}\,\,\sqrt{\left[\left(\text{MO}^2\cos[\alpha]^2\cos[\sigma]\left[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big] + \\ &2\,\cos\left[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big] + \\ &\cos\left[2\,\alpha-2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big] + \\ &\cos\left[2\,\alpha+2\,\text{ArcSin}\Big[\sqrt{\frac{\cos[\alpha]^2\cos[\sigma]}{2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2}}\,\,\Big]\Big] \right] \\ &\sin\left[\alpha\right]^2 \right] / \left(2\,\text{Sin}[\alpha]-2\,\text{Cos}[\sigma]\,\text{Sin}[\alpha]^2\right) \Big] \Big] \Big] - \\ \\ &\left[2\,\sqrt{\left(\left(\text{MO}^2\cos[\alpha]^2\cos[\sigma]\right)\left[6+2\,\text{Cos}[2\,\alpha]+\cos[2\,\alpha-2\,\text{ArcSin}[\alpha]^2]\right)}\,\,\Big]} \right] - \\ \\ &\left[2\,\sqrt{\left(\left(\text{MO}^2\cos[\alpha]^2\cos[\sigma]\right)\left[6+2\,\text{Cos}[\alpha]\,\text{Sin}[\alpha]^2\right)}\,\,\Big]}\,\,\Big]} \right] - \\ \end{aligned}$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] \right) \sin[\alpha]^2 \bigg] \bigg/ \\ \left(2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2 \right) \bigg) \bigg(2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2 \bigg) \bigg) \bigg] + \\ \cos \left[\alpha + \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] \operatorname{Sec} \left[\alpha \right] \bigg] \\ \bigg(\bigg(\sqrt{\left[\frac{1}{1 + \cos[2\alpha]} \left[-2 + 4 \operatorname{M0} - 2 \cos[2\alpha] + \frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} \right] \right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] - \\ 2 \operatorname{M0} \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] - \\ 2 \sqrt{2} \sqrt{\bigg(\bigg(\operatorname{M0}^2 \cos[\alpha]^2 \cos[\sigma] \left[\frac{6 + 2 \cos[2\alpha] + \frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \bigg] - \\ 2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] + \\ \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos(\alpha)^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} \right] \right] \bigg] \\ \sin(\alpha)^2 \bigg/ \left(2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2 \right) \bigg) \bigg] \bigg)$$

$$\cos\left[2\alpha + 2\operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^{2}\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^{2}}}\right]\right]\right) \sin[\alpha]^{2}\right] /$$

$$\left(2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^{2}\right)\right) + \left(\sqrt{\left[\frac{1}{1 + \cos[2\alpha]}\left[-2 + 4\,\text{M}\theta - \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\left[-2 + 2\,\text{M}\theta - \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\left[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\right[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\right]}\right]\right] + \frac{1}{1 + \cos[\alpha]^{2}\cos$$

$$2 \, \text{MO} \, \text{Cos} \left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right]^2 \, \text{Sec}\left[\alpha\right]^2 + \\ 2 \, \text{MO} \, \text{Cos}\left[2 \, \alpha\right] \, \text{Cos}\left[\alpha - \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right]^2 \, \text{Sec}\left[\alpha\right]^2 + \\ 2 \, \sqrt{2} \, \sqrt{\left[\left(\text{MO}^2 \cos[\alpha]^2 \cos[\sigma] \left(6 + 2 \cos[\alpha] \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2\right)\right]\right]} - \\ 2 \, \cos\left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] - \\ 2 \, \cos\left[2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \\ \cos\left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}\right]\right] + \\ \left(2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2\right) + \frac{2 \, \text{MO} \, \cos[\sigma]}{2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2} + \\ \frac{2 \, \text{MO} \, \cos[2 \, \alpha] \, \cos[\sigma]}{2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2}\right] + \\ \left[6 + 2 \, \cos[2 \, \alpha] + \cos[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2}}\right]\right] - \\ 2 \, \cos\left[2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2}}\right]\right] + \\ \cos\left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2}}\right]\right] \right] \sin[\alpha]^2 \right] / \\ \left(2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2\right) \right] \right] \sin\left[\frac{1}{4} \left(\pi + \frac{\sigma}{2}\right)\right]^2 + \\ \text{Abs} \left[\cos\left[\frac{1}{4} \left(\pi + \frac{\sigma}{2}\right)\right] \left[\cos[\alpha - \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \, \sin[\alpha] - 2 \, \cos[\sigma] \, \sin[\alpha]^2}}\right]\right] \right] \text{Sec}\left[\alpha\right] \right]$$

$$\left(\left| \sqrt{\frac{1}{1 + \cos{[2\,\alpha]}}} \left[-2 + 4\,\text{MØ} - 2\,\cos{[2\,\alpha]} + \right] \right| \right.$$

$$\left. \text{MØ} \cos{\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2}\cos{[\sigma]}}{2\,\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right] \right] - \right.$$

$$\left. 2\,\text{MØ} \cos{\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2}\cos{[\sigma]}}{2\,\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right] \right]} + \right.$$

$$\left. \text{MØ} \cos{\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2}\cos{[\sigma]}}{2\,\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right] \right]} + \right.$$

$$\left. 2\,\sqrt{2}\,\sqrt{\left[\left(\text{MØ}^2\cos{[\alpha]^2}\cos{[\sigma]} \left(\frac{\cos{[\alpha]^2\cos{[\sigma]}}\sin{[\alpha]^2}}{2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}} \right) \right] \right]} + \right.$$

$$\left. \cos{\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2\cos{[\sigma]}}\cos{[\sigma]}}{2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right] \right]} - \right.$$

$$\left. \cos{\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2\cos{[\sigma]}}\sin{[\alpha]^2}}{2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right] \right]} \right.$$

$$\left. \sin{[\alpha]^2} \right| / \left(2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2} \right) \right] \right.$$

$$\left. 4\,\text{MØ} + \text{MØ} \cos{\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2\cos{[\sigma]}}\sin{[\alpha]^2}}}{2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right] \right]} - \right.$$

$$\left. 2\,\text{MØ} \cos{\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2\cos{[\sigma]}}\sin{[\alpha]^2}}}{2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \right.$$

$$\left. 2\,\text{MØ} \cos{\left[\alpha - \text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2\cos{[\sigma]}}\sin{[\alpha]^2}}}{2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \right.$$

$$\left. 2\,\text{MØ} \cos{\left[\alpha - \text{ArcSin}\left[\sqrt{\frac{\cos{[\alpha]^2\cos{[\sigma]}\sin{[\alpha]^2}}}{2\sin{[\alpha]} - 2\cos{[\sigma]}\sin{[\alpha]^2}}}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right]} \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right] \right]^2 \cdot \sec{[\alpha]^2} - \left. 2\,\text{MØ} \cos{[\alpha]^2\cos{[\alpha]} - 2\cos{[\alpha]}\sin{[\alpha]^2}} \right] \right]^2 \cdot \sec{[\alpha]^2} - 2\cos{[\alpha]^2\cos{[\alpha]}\cos{[\alpha]}} \right] \cdot$$

$$2\sqrt{2} \sqrt{\left|-\left(\left|\mathsf{M0}^2 \cos\left[\alpha\right]^2 \cos\left[\sigma\right]\right| - 6 - 2 \cos\left[2\alpha\right] - \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right]\right)\right|} - \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right]\right) - \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right]\right)\right| + \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right)\right| + \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right)\right| + \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right) - \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right)\right| - \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right)\right| - \left(\cos\left[\alpha\right]^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right)\right| + \left(\cos\left[\alpha\right)^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right)\right| - \left(\cos\left[\alpha\right)^2 \cos\left[\sigma\right] \sin\left[\alpha\right]^2\right)\right| - \left(\cos\left[\alpha\right)^2 \cos\left[\sigma\right)^2 \sin\left[\alpha\right]^2\right)\right| - \left(\cos\left[\alpha\right)^2 \cos\left[\alpha\right)^2 \cos\left[\alpha\right]^2\right| - \left(\cos\left[\alpha\right)^2 \cos\left[\alpha\right)^2\right| - \left(\cos\left[\alpha\right)^2\right| - \left(\cos\left[\alpha\right)^2\right$$

$$2\sqrt{2} \sqrt{\left(\left(M\theta^{2} \cos \left[\alpha\right)^{2} \cos \left[\sigma\right] \left(6+2 \cos \left[2 \alpha\right]+\right)\right)} \left(\cos \left[2 \alpha-2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \left(\cos \left[2 \alpha-2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] + \left(\cos \left[2 \alpha+2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right]\right) \right)$$

$$\left[-4 \operatorname{M}\theta - \operatorname{M}\theta \cos \left[2 \alpha-2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] + \left(2 \operatorname{M}\theta \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \left(2 \operatorname{M}\theta \cos \left[2 \alpha+2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] + \left(2 \operatorname{M}\theta \cos \left[\alpha-\operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right]^{2} \operatorname{Sec}\left[\alpha\right]^{2} + \left(2 \operatorname{M}\theta \cos \left[\alpha-\operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right]^{2} \operatorname{Sec}\left[\alpha\right]^{2} + \left(2 \operatorname{M}\theta \cos \left[\alpha-\operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right]^{2} \operatorname{Sec}\left[\alpha\right]^{2} + \left(2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] + \left(2 \operatorname{Cos}\left[2 \alpha-2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \left(2 \operatorname{Cos}\left[\alpha\right] \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \left(2 \operatorname{Cos}\left[\alpha\right] \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \left(2 \operatorname{Cos}\left[\alpha\right] \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \left(2 \operatorname{Cos}\left[\alpha\right] \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \left(2 \operatorname{Cos}\left[\alpha\right] \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right) - \left(2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right) - \left(2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right) - \left(2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \operatorname{ArcSin} \left[\alpha\right]^{2}}\right]}\right) - \left(2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]-2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}\right]}\right) - \left(2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]}\right]}\right) - \left(2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right]}\right$$

$$\begin{aligned} & \cos\left[2\,\alpha + 2\,\text{ArcSin}\Big[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\,\Big]\Big]\Big] \\ & \sin\left[\alpha\right]^2\Bigg/ \left(2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2\right)\Bigg) + \\ & \frac{2\,\text{M0}\,\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2} + \frac{2\,\text{M0}\,\cos\left[2\,\alpha\right]\,\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}\Bigg)\Bigg/ \\ & \left[8\,\sqrt{\left(\left|\text{M0}^2\cos\left[\alpha\right]^2\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2 + \frac{2\,\text{M0}\,\cos\left[2\,\alpha\right]\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] - \\ & 2\,\cos\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] - \\ & 2\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^2}}\,\right]\right] + \\ & \sin\left[\alpha\right]^2\Bigg/ \left(2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2\right)\Bigg)\Bigg) - \\ & \text{i}\,\text{Sec}\left[\alpha\right]\,\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\,\left[\left(\frac{i\,\text{Csc}\left[\alpha\right]\,\text{Sec}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\,\right]\right] - \\ & 2\,\text{M0}\,\cos\left[2\,\alpha - 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\,\right]\right] - \\ & 2\,\text{M0}\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\,\right]\right] - \\ & M0\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\,\right]\right] - \\ & M0\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\,\right]\right] - \\ & M0\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]^2}}\,\right]}\,\right] - \\ & M0\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right] - 2\,\cos\left[\sigma\right]\,\sin\left[\alpha\right]}}\,\right]}\,\right] - \\ & M0\,\cos\left[2\,\alpha + 2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^2\cos\left[\sigma\right]}{2\,\sin\left[\alpha\right$$

$$2\sqrt{2} \sqrt{\left(\left(M\theta^2 \cos{\{\alpha\}}^2 \cos{\{\sigma\}}\right) \left(6+2 \cos{\{2\,\alpha\}}+\frac{1}{2} \cos{\{\sigma\}}\right) \left(\frac{\cos{\{\alpha\}}^2 \cos{\{\sigma\}}}{2 \sin{\{\alpha\}}-2 \cos{\{\sigma\}} \sin{\{\alpha\}}^2}\right)\right]} - \frac{1}{2} \cos{\{2\,\alpha-2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos{\{\alpha\}}^2 \cos{\{\sigma\}}}{2 \sin{\{\alpha\}}-2 \cos{\{\sigma\}} \sin{\{\alpha\}}^2}}\right]\right]} + \frac{1}{2} \cos{\{2\,\alpha+2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos{\{\alpha\}}^2 \cos{\{\sigma\}}}{2 \sin{\{\alpha\}}-2 \cos{\{\sigma\}} \sin{\{\alpha\}}^2}}\right]\right]} + \frac{1}{2} \cos{\{\alpha\}} \cos{\{\alpha\}} \cos{\{\sigma\}} \sin{\{\alpha\}}^2\right]}$$

$$\sqrt{\frac{\cos{\{\alpha\}}^2 \cos{\{\sigma\}} \sin{\{\alpha\}}^2}{2 \sin{\{\alpha\}}-2 \cos{\{\sigma\}} \sin{\{\alpha\}}^2}} \cos{\{\sigma\}} \cos{\{\alpha\}} \cos{\{\alpha\}} \cos{\{\sigma\}} \cos{\{\sigma\}} \sin{\{\alpha\}}^2\right]} \cos{\{\alpha\}} \cos{\{\alpha\}$$

$$\begin{aligned} &\cos\left[2\,\alpha+2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\cos\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right] \\ &\sin\left[\alpha\right]^{2} \bigg/ \left(2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}\right) - \\ &\frac{2\,\text{M0}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}} - \frac{2\,\text{M0}\,\text{Cos}\left[2\,\alpha\right]\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}} \right] \\ &-4\,\text{M0}-\text{M0}\,\text{Cos}\left[2\,\alpha-2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right] + \\ &2\,\text{M0}\,\text{Cos}\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right] - \\ &+2\,\text{M0}\,\text{Cos}\left[2\,\alpha+2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right]^{2}\,\text{Sec}\left[\alpha\right]^{2} + \\ &2\,\text{M0}\,\text{Cos}\left[2\,\alpha\right]\,\text{Cos}\left[\alpha-\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right]^{2}\,\text{Sec}\left[\alpha\right]^{2} + \\ &2\,\text{M0}\,\text{Cos}\left[2\,\alpha\right]\,\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right] - \left(\left(\text{M0}^{2}\,\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]\right) - \left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}\right)\right] + \\ &2\,\text{Cos}\left[2\,\alpha-2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right] + \\ &2\,\text{Cos}\left[2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right] - \\ &-\left(\text{Cos}\left[2\,\alpha+2\,\text{ArcSin}\left[\sqrt{\frac{\cos\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]}{2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}}\right]\right] \right] + \\ &-\left(\text{Sin}\left[\alpha\right]^{2}\right) \left(2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}\right) \right] + \\ &+\left(\text{Sin}\left[\alpha\right]^{2}\right) \left(2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}\right) \right] + \\ &+\left(\text{Sin}\left[\alpha\right]^{2}\right) \left(2\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}\right) \right] + \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}\right) + \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}\right) \right] + \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}\right) \right] + \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]\,\text{Sin}\left[\alpha\right]-2\,\text{Cos}\left[\sigma\right]\,\text{Sin}\left[\alpha\right]^{2}}\right) \right] + \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]\,\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]^{2} + \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]^{2} + \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]^{2} + \\ \\ &+\left(\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}\left[\alpha\right]^{2}\,\text{Cos}$$

$$\frac{2\,\text{M0}\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} + \frac{2\,\text{M0}\,\text{Cos}\,[2\,\alpha]\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg] \bigg) \bigg/$$

$$\left(32\,\text{M0}\,\left(1 + \text{Cos}\,[2\,\alpha] \right) \, \sqrt{ \left(\left(\text{M0}^2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma] \right) \left(6 + 2\,\text{Cos}\,[2\,\alpha] + \frac{1}{2}\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma] \right) } \right) - \frac{1}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg] \bigg] - \frac{1}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg] \bigg] + \frac{1}{2\,\text{Cos}\,[2\,\alpha + 2\,\text{ArcSin}\,[\sqrt{\frac{\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \bigg] \bigg] \bigg) \bigg) - \frac{1}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg] \bigg] \bigg) - \frac{1}{2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg] \bigg] \bigg) - \frac{1}{2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2} \bigg] \bigg] - \frac{1}{2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \bigg] \bigg] - \frac{1}{2\,\text{M0}\,\text{Cos}\,[2\,\alpha + 2\,\text{ArcSin}\,[\sqrt{\frac{\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}}} \bigg] \bigg] + \frac{1}{2\,\sqrt{2}\,\sqrt{\left(\left(\text{M0}^2\,\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma] \right) \left(\frac{\text{Cos}\,[\alpha]^2\,\text{Cos}\,[\sigma]}{2\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \bigg] \bigg] - \frac{1}{2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\sigma]\,\text{Sin}\,[\alpha]^2}} \bigg] \bigg] \bigg] - \frac{1}{2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha]^2}} \bigg] \bigg] \bigg] \bigg] - \frac{1}{2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha] - 2\,\text{Cos}\,[\alpha]\,\text{Sin}\,[\alpha]^2}} \bigg] \bigg] \bigg] \bigg] \bigg] \bigg] \bigg] \bigg] \bigg] \bigg]$$

$$\begin{aligned} & \text{Cos} \left[2\,\alpha + 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \, \right] \Big] \\ & \text{Sin} \, [\alpha]^2 \Bigg/ \, \left(2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2 \right) \Bigg] \Bigg] \\ & \text{Sin} \, [\alpha]^2 \Bigg/ \, \left(2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2 \right) \Bigg] \Bigg] \\ & \text{A M0 + M0 Cos} \left[2\,\alpha - 2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \, \right] \Big] + \\ & \text{M0 Cos} \left[2\,\text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \, \right] \Big] - \\ & 2\,\text{M0 Cos} \left[\alpha - \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \, \right] \Big]^2 \, \text{Sec} \, [\alpha]^2 + \\ & 2\,\text{M0 Cos} \, [2\,\alpha] \, \text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma] \, \left[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}}} \, \right] \Big]^2 + \\ & 2\,\text{Cos} \, \left[2\,\text{ArcSin} \, \Big[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \, \right] \Big] + \\ & 2\,\text{Cos} \, \left[2\,\text{ArcSin} \, \Big[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}}} \, \right] \Big] - \\ & \text{Cos} \, \left[2\,\alpha + 2\,\text{ArcSin} \, \Big[\sqrt{\frac{\text{Cos} \, [\alpha]^2 \, \text{Cos} \, [\sigma]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}}} \, \right] \Big] - \\ & \frac{2\,\text{M0 Cos} \, [\alpha]}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} - \frac{2\,\text{M0 Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}{2\,\text{Sin} \, [\alpha] - 2\,\text{Cos} \, [\sigma] \, \text{Sin} \, [\alpha]^2}} \Big] \Big] \Big]$$

$$\left[-4 \, \text{M0} - \text{M0} \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right] + \\ 2 \, \text{M0} \, \text{Cos} \left[2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right] - \\ \text{M0} \, \text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right] + \\ 2 \, \text{M0} \, \text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right]^2 \, \text{Sec} \left[\alpha \right]^2 + \\ 2 \, \text{M0} \, \text{Cos} \left[2 \, \alpha - \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right]^2 \, \text{Sec} \left[\alpha \right]^2 + \\ 2 \, \sqrt{2} \, \sqrt{\left[\left(\text{M0}^2 \, \text{Cos}[\alpha]^2 \, \text{Cos}[\sigma] \right] \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right] - \\ 2 \, \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right] + \\ \text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right] + \\ \frac{2 \, \text{M0} \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} + \frac{2 \, \text{M0} \, \text{Cos}[2 \, \alpha] \, \text{Cos}[\sigma]} \, \text{Sin}[\alpha]^2}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} \right] \right] - \\ \frac{32 \, \text{M0} \, \left(1 + \text{Cos}[2 \, \alpha] \right) \, \sqrt{\left[\left(\text{M0}^2 \, \text{Cos}[\alpha]^2 \, \text{Cos}[\sigma] \, \left[\frac{6}{6} + 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} \right) \right]} - \\ \text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\cos[\alpha]^2 \, \text{Cos}[\sigma]}{2 \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2}} \right] \right] - \\ \frac{2 \, \text{M0} \, \text{Cos}[\alpha] \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\alpha] \, \text{Sin}[\alpha]^2} - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} \right] \right] - \\ \frac{2 \, \text{M0} \, \text{Cos}[\alpha] \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2 - 2 \, \text{Cos}[\sigma] \, \text{Sin}[\alpha]^2} \right] \right] - \\ \frac{2 \, \text{M0} \, \text{Cos}[\alpha] \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\alpha] \, \text{Sin}[\alpha]^2 - 2 \, \text{Cos}[\alpha] \, \text{Sin}[\alpha]^2} \right] \right] - \\ \frac{2 \, \text{M0} \, \text{Cos}[\alpha] \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\alpha] \, \text{Sin}[\alpha]^2 - 2 \, \text{Cos}[\alpha] \, \text{Sin}[\alpha]^2} \right] \right] - \\ \frac{2 \, \text{M0} \, \text{Cos}[\alpha] \, \text{Sin}[\alpha] - 2 \, \text{Cos}[\alpha] \, \text{Sin}[\alpha]^2 - 2 \, \text{Cos}[\alpha] \, \text{Sin}[\alpha]^2} \right] - \\ \frac{2 \, \text{M0} \, \text{M0} \, \text{Cos}$$

$$2 \cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] \right] \\ \sin \left[\alpha \right]^2 \right] / \left(2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2 \right) \right) \right] \right) - \\ i e^{i\phi} \left[-i \operatorname{Sec}[\alpha] \sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \left[\left(\sqrt{\frac{1}{1 + \operatorname{Cos}[2\alpha]}} \right) - 2 + 4 \operatorname{M}\theta - 2 \right) \right] \right] - \\ 2 \operatorname{Cos}[2\alpha] + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ \operatorname{M}\theta \operatorname{Cos}[2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] + \\ 2 \sqrt{2} \sqrt{\left[\left(\operatorname{M}\theta^2 \operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma] \left[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}} \right] \right] - \\ 2 \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] + \\ \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ \operatorname{Sin}[\alpha]^2 / \left(2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right) \right] \right] - \\ \operatorname{Sin}[\alpha]^2 / \left(2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2} \right) \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}}} \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta \operatorname{Cos}[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\operatorname{Cos}[\alpha]^2 \operatorname{Cos}[\sigma]}{2 \operatorname{Sin}[\alpha] - 2 \operatorname{Cos}[\sigma] \operatorname{Sin}[\alpha]^2}}} \right] \right] - \\ \operatorname{AM}\theta + \operatorname{M}\theta + \operatorname{M}\theta \operatorname{Cos}[\alpha] + \operatorname{M}\theta +$$

$$2 \ MO \cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ MO \cos \left[2 \ \alpha + 2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ 2 \ MO \cos \left[\alpha - Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \ Sec \left[\alpha\right]^2 - \\ 2 \ MO \cos \left[2 \ \alpha\right] \ Cos \left[\alpha - Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right]^2 \ Sec \left[\alpha\right]^2 + \\ 2 \ \sqrt{2} \ \sqrt{\left[-\left(\left|MO^2 \cos \left[\alpha\right]^2 \cos \left[\sigma\right|\right] - \frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}\right]\right]} + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ Cos \left[2 \ \alpha + 2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] - \\ \frac{2 \ MO \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2} - \frac{2 \ MO \cos \left[\alpha\right] \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}\right)\right) / \\ \left[8 \ \sqrt{\left(\left|MO^2 \cos \left[\alpha\right]^2 \cos \left[\sigma\right|\right] \left[6 + 2 \cos \left[\alpha\right] \sin \left[\alpha\right]^2\right]}\right] - \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^2}\right]}\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right]} \sin \left[\alpha\right]^2}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right]} \sin \left[\alpha\right]^2}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\sqrt{\frac{\cos \left[\alpha\right]^2 \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right]} \sin \left[\alpha\right]^2}\right]\right] + \\ 2 \ Cos \left[2 \ Arc Sin \left[\alpha\right]^2 - 2 \ Cos \left[\alpha\right]^2 \ Cos \left[\alpha\right]^2$$

$$\cos\left[2\alpha + 2\operatorname{ArcSin}\left[\sqrt{\frac{\cos[\alpha]^{2}\cos[\sigma]}{2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^{2}}}\right]\right]\right) \sin[\alpha]^{2}\right] /$$

$$\left(2\sin[\alpha] - 2\cos[\sigma]\sin[\alpha]^{2}\right)\right) + \left(\sqrt{\left[\frac{1}{1 + \cos[2\alpha]}\left[-2 + 4\,\text{M}\theta - \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\left[-2 + 2\,\text{M}\theta - \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\left[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\right[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\right[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\left[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\left[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\left[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\right[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\right[-2 + \frac{1}{1 + \cos[\alpha]^{2}\cos[\sigma]}\right]}\right]\right] + \cos[\alpha]$$

$$= \cos[\alpha] + \cos$$

$$2\ M\theta\ Cos\left[\alpha-ArcSin\left[\sqrt{\frac{Cos[\alpha]^2Cos[\sigma]}{2Sin[\alpha]-2Cos[\sigma]Sin[\alpha]^2}}\right]\right]^2Sec[\alpha]^2+$$

$$2\ M\theta\ Cos\left[2\ \alpha\right]Cos\left[\alpha-ArcSin\left[\sqrt{\frac{Cos[\alpha]^2Cos[\sigma]}{2Sin[\alpha]-2Cos[\sigma]Sin[\alpha]^2}}\right]\right]^2Sec[\alpha]^2+$$

$$2\ \sqrt{2}\ \sqrt{\left[-\left(\left|M\theta^2Cos[\alpha]^2Cos[\sigma]\left[-6-2Cos[2\ \alpha]-\frac{Cos[\alpha]^2Cos[\sigma]}{2Sin[\alpha]-2Cos[\sigma]Sin[\alpha]^2}\right]\right]^2}$$

$$-\frac{Cos\left[2\ \alpha-2ArcSin\left[\sqrt{\frac{Cos[\alpha]^2Cos[\sigma]}{2Sin[\alpha]-2Cos[\sigma]Sin[\alpha]^2}}\right]\right]+$$

$$-\frac{2\ Cos\left[2\ ArcSin\left[\sqrt{\frac{Cos[\alpha]^2Cos[\sigma]}{2Sin[\alpha]-2Cos[\sigma]Sin[\alpha]^2}}\right]\right]-$$

$$-\frac{Cos\left[2\ \alpha+2ArcSin\left[\sqrt{\frac{Cos[\alpha]^2Cos[\sigma]}{2Sin[\alpha]-2Cos[\sigma]Sin[\alpha]^2}}\right]\right]+$$

$$-\frac{2\ M\theta\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}+\frac{2\ M\theta\ Cos[2\ \alpha]\ Cos[\sigma]\ Sin[\alpha]^2}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}\right]-$$

$$-\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}\right]-$$

$$-\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}\right]]+$$

$$-\frac{Cos[2\ \alpha+2ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]]+$$

$$-\frac{Cos[2\ \alpha+2ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}\right]$$

$$-\frac{Cos[\alpha]^2\ Cos[\sigma]\ Sin[\alpha]^2}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}\right]]+$$

$$-\frac{Cos[2\ \alpha+2ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]]+$$

$$-\frac{Cos[2\ \alpha+2ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]]+$$

$$-\frac{Cos[2\ \alpha+2ArcSin\left[\sqrt{\frac{Cos[\alpha]^2\ Cos[\sigma]}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}}\right]]+$$

$$-\frac{Cos[\alpha]^2\ Cos[\alpha]\ Sin[\alpha]-2\ Cos[\alpha]\ Sin[\alpha]^2}{2\ Sin[\alpha]-2\ Cos[\sigma]\ Sin[\alpha]^2}\right]]+$$

$$\begin{aligned} &\cos \left[\alpha + \operatorname{ArcSin} \left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}} \right]\right] \operatorname{Sec}\left[\alpha\right] \\ &\left[\left(\operatorname{icSc}\left[\alpha\right] \operatorname{Sec}\left[\sigma\right] \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}\right)\right] \\ &\sqrt{\left(\frac{1}{1 + \cos \left[2\alpha\right]} \left(-2 + 4 \operatorname{M0} - 2 \cos \left[2\alpha\right] + \right)\right)} \\ &+ \operatorname{M0} \operatorname{Cos}\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] + \\ &+ \operatorname{M0} \operatorname{Cos}\left[2\alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \sqrt{2} \sqrt{\left(\left(\operatorname{M0}^{2} \cos \left[\alpha\right]^{2} \cos \left[\sigma\right] \left(6 + 2 \cos \left[\alpha\right]^{2} \sin \left[\alpha\right]^{2}\right)\right]\right) - \\ &- 2 \operatorname{Cos}\left[2\alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- \operatorname{Sin}\left[\alpha\right]^{2} / \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}\right)\right) \right] \\ &- \operatorname{Sin}\left[\alpha\right]^{2} / \left(2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}\right)\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}}\right]\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left[\sigma\right] \sin \left[\alpha\right]^{2}}\right]}\right] - \\ &- 2 \operatorname{M0} \operatorname{Cos}\left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos \left[\alpha\right]^{2} \cos \left[\sigma\right]}{2 \sin \left[\alpha\right] - 2 \cos \left$$

$$\begin{split} &\text{M0} \cos \left[2\,\alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] - \\ &2\,\text{M0} \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 - \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\sqrt{2}\,\sqrt{\left[\left(\text{M0}^2 \cos [\alpha]^2 \cos [\sigma] \right] \left(6 + 2 \cos [2\,\alpha] + \right)\right]} \\ &\cos \left[2\,\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] - \\ &2\,\cos \left[2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ &\cos \left[2\,\alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ &\sin [\alpha]^2 \right] / \left(2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2\right) - \\ &\frac{2\,\text{M0} \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} - \frac{2\,\text{M0} \cos [2\,\alpha] \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}\right] + \\ &2\,\text{M0} \cos \left[2\,\alpha - 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] - \\ &\text{M0} \cos \left[2\,\alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ &2\,\text{M0} \cos \left[2\,\alpha + 2 \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ &2\,\text{M0} \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos [\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha - \operatorname{ArcSin} \left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ &2\,\text{M0} \cos \left[2\,\alpha\right] \cos \left[\alpha\right] \cos \left[$$

$$2\sqrt{2} \sqrt{\left|-\left(M\theta^2 \cos[\alpha]^2 \cos[\sigma] \left[-6-2 \cos[2\alpha] - \frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}\right]\right] + \frac{\cos[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}]] + \frac{\cos[2\alpha - 2 \operatorname{ArcSin}[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}]] - \frac{\cos[2\alpha + 2 \operatorname{ArcSin}[\sqrt{\frac{\cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}]]]}{\frac{2 \operatorname{M0} \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}$$

$$\sqrt{\frac{2 \operatorname{M0} \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[2\alpha] \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} + \frac{2 \operatorname{M0} \cos[2\alpha] \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}}$$

$$\sqrt{\frac{2 \operatorname{M0} \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2}} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\sigma]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\alpha]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\alpha]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\alpha]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\alpha]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\alpha]^2 \cos[\alpha]}{2 \sin[\alpha] - 2 \cos[\sigma] \sin[\alpha]^2} + \frac{2 \operatorname{M0} \cos[\alpha]^2 \cos[\alpha]^$$

$$2 \, \text{M0} \, \text{Cos} \big[2 \, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}} \, \big] \big] + \\ \text{M0} \, \text{Cos} \big[2 \, \alpha + 2 \, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}} \, \big] \big] + \\ 2 \, \sqrt{2} \, \sqrt{\left[\left(\text{M0}^2 \, \text{Cos} [\alpha]^2 \, \text{Cos} [\sigma] \right] \, \left(\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2} \, \right] \big] + \\ 2 \, \sqrt{2} \, \sqrt{\left[\left(\text{M0}^2 \, \text{Cos} [\alpha]^2 \, \text{Cos} [\sigma] \, \left(\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2} \, \right] \big] \right] - \\ 2 \, \text{Cos} \big[2 \, \alpha - 2 \, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}} \, \big] \big] \right] - \\ 2 \, \text{Cos} \big[2 \, \alpha + 2 \, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}} \, \big] \big] - \\ 2 \, \text{M0} \, \text{Cos} \big[2 \, \alpha - 2 \, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}}} \, \big] \big] - \\ 2 \, \text{M0} \, \text{Cos} \big[2 \, \alpha + 2 \, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}}} \, \big] \big]^2 \, \text{Sec} \big[\alpha \big]^2 - \\ 2 \, \text{M0} \, \text{Cos} \big[2 \, \alpha + 2 \, \text{ArcSin} \Big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}}} \, \big] \big]^2 \, \text{Sec} \big[\alpha \big]^2 + \\ 2 \, \text{M0} \, \text{Cos} \big[2 \, \alpha \big] \, \text{Cos} \big[\alpha \big] \, \text{Cos} \big[\alpha \big] \, \text{Sin} \big[\alpha \big] - 2 \, \text{Cos} \big[\sigma \big] \, \text{Sin} \big[\alpha \big]^2} \, \big] \big]^2 \, \text{Sec} \big[\alpha \big]^2 + \\ 2 \, \sqrt{2} \, \sqrt{\left[-\left[\left(\text{M0}^2 \, \text{Cos} [\alpha]^2 \, \text{Cos} [\sigma] \, \left[-6 - 2 \, \text{Cos} [\alpha] \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2} \, \right]} \, \right] \right]} + \\ \text{Cos} \big[2 \, \alpha - 2 \, \text{ArcSin} \big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}}} \, \big] \big]^2 \, \text{Sec} \big[\alpha \big]^2 + \\ 2 \, \sqrt{2} \, \sqrt{\left[-\left[\left(\text{M0}^2 \, \text{Cos} [\alpha]^2 \, \text{Cos} [\sigma] \, \left[-6 - 2 \, \text{Cos} [\alpha] \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2} \, \right]} \, \big] \right]} \, + \\ \text{Cos} \big[2 \, \alpha - 2 \, \text{ArcSin} \big[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\alpha]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma]}} \, \text{Sin} [\alpha]^2}} \, \big] \big] \right] + \\ \text{Cos} \big[$$

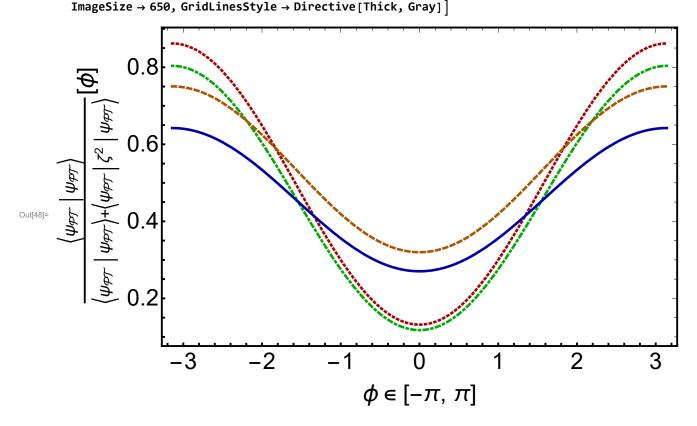
$$2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] - \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]\right] \\ \sin \left[\alpha\right]^2 \bigg/ \left(2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2\right) \bigg| - \\ \frac{2 \operatorname{MO} \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2} - \frac{2 \operatorname{MO} \cos [2 \alpha] \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}\right] \\ -4 \operatorname{MO} - \operatorname{MO} \cos \left[2 \alpha - 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ 2 \operatorname{MO} \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ 2 \operatorname{MO} \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ 2 \operatorname{MO} \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ 2 \operatorname{MO} \cos \left[\alpha - \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right]^2 \sec [\alpha]^2 + \\ 2 \sqrt{2} \sqrt{\left[\left(\operatorname{MO}^2 \cos [\alpha]^2 \cos [\sigma] \left(6 + 2 \cos [\alpha] + \frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}\right)\right]} + \\ 2 \cos \left[2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] + \\ \cos \left[2 \alpha + 2 \operatorname{ArcSin}\left[\sqrt{\frac{\cos [\alpha]^2 \cos [\sigma]}{2 \sin [\alpha] - 2 \cos [\sigma] \sin [\alpha]^2}}\right]\right] \right]$$

$$\frac{2 \, \text{MO} \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha]^2} \bigg/ \left(2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2\right) \bigg) + \\ \\ \frac{2 \, \text{MO} \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2} + \frac{2 \, \text{MO} \, \text{Cos} [2 \, \alpha] \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2} \bigg) \bigg/ \bigg(\bigg| \\ \frac{32 \, \text{MO} \, \left(1 + \text{Cos} [2 \, \alpha]\right)}{\sqrt{\left(\left(\frac{\text{MO}^2 \, \text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}\right)} + \\ \\ \frac{\text{Cos} \left[2 \, \alpha - 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}}\right] \right] - \\ \\ \frac{2 \, \text{Cos} \left[2 \, \alpha + 2 \, \text{ArcSin} \left[\sqrt{\frac{\text{Cos} [\alpha]^2 \, \text{Cos} [\sigma]}{2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2}}\right] \right] + \\ \\ \left(2 \, \text{Sin} [\alpha] - 2 \, \text{Cos} [\sigma] \, \text{Sin} [\alpha]^2\right) \bigg) \bigg) \bigg| \bigg| \right| \\ \text{Sin} \bigg[\frac{1}{4} \left(\pi + \frac{\sigma}{2}\right) \bigg] \bigg]^2 \bigg)$$

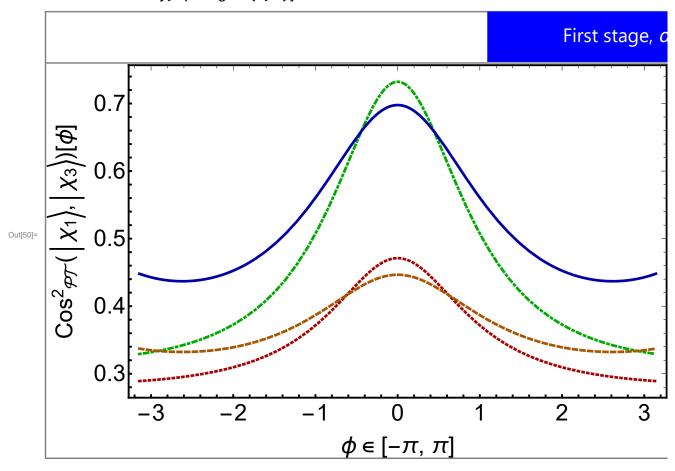
```
ln[47] = p1 = Plot[{1 - N[cosSecondFunction[-x * 4 / 5, 4 / 5, \pi/2 - 1, 1]]},
          1 - N[cosThirdFunction[-x * 4 / 5, 4 / 5, \pi/2 - 1, 1]],
          1 - N[cosSecondFunction[-x * 6 / 5, 6 / 5, \pi / 2 - 1, 1]],
          1 - N[cosThirdFunction[-x * 6 / 5, 6 / 5, \pi/2 - 1, 1]]}, {x, -\pi, \pi}, PlotRange \rightarrow All,
        PlotStyle → {Directive[Darker[Green], Thickness[0.005], DotDashed],
           Directive[Darker[Red], Thickness[0.005], Dotted], Directive[Darker[Blue],
            Thickness [0.005], Dashed [1]], Directive [Darker [Orange], Thickness [0.005], Dashed]},
        Frame \rightarrow True, FrameStyle \rightarrow Directive[Black, Thick], LabelStyle \rightarrow Large,
        Frame → True, FrameStyle → Directive[Black, Thick], LabelStyle → Large,
        PlotStyle → {Directive[Darker[Green], Thickness[0.007]]},
        Axes \rightarrow False, FrameLabel \rightarrow {"\phi \in [-\pi, \pi]", "\cos^2_{\mathcal{PT}}(|\chi_1\rangle, |\chi_3\rangle)[\phi]"},
        LabelStyle → {FontWeight → "Bold", FontSize → 25},
        ImageSize → 650, GridLinesStyle → Directive[Thick, Gray]
              0.7
     \cos^2 \varphi_T(|X_1\rangle, |X_3\rangle)[\phi]
              0.6
              0.5
              0.4
                        -3
                                     -2
                                                                                                                 3
                                                                                                  2
```

 $\phi \in [-\pi, \pi]$

ln[48]:= p2 = Plot[{N[DecisivenessSecondFunction[-x, 4/5, π /2-1, 3]], N[DecisivenessThirdFunction[-x, 4/5, $\pi/2$ -1, 3]], N[DecisivenessSecondFunction[-x, 6 / 5, π /2-1, 2]], N[DecisivenessThirdFunction[-x, 6 / 5, π /2-1, 2]]}, {x, - π , π }, PlotRange \rightarrow All, PlotStyle → {Directive[Darker[Green], Thickness[0.005], DotDashed], Directive[Darker[Red], Thickness[0.005], Dotted], Directive[Darker[Blue], Thickness [0.005], Dashed [1]], Directive [Darker [Orange], Thickness [0.005], Dashed]}, Frame \rightarrow True, FrameStyle \rightarrow Directive[Black, Thick], LabelStyle \rightarrow Large, PlotLegends \rightarrow LineLegend $\left[\left\{ \Delta = \frac{\sigma}{2}, \sigma = \frac{4}{5}, \Delta = \frac{\sigma}{4}, \sigma = \frac{4}{5}, \frac{\sigma}{5} \right\}$ " $\Delta = \frac{\sigma}{2}$, $\sigma = \frac{6}{5}$ ", " $\Delta = \frac{\sigma}{4}$, $\sigma = \frac{6}{5}$ "}, LegendFunction \rightarrow Framed], Axes \rightarrow False, Frame \rightarrow True, FrameStyle \rightarrow Directive[Black, Thick], LabelStyle \rightarrow Large, PlotStyle → {Directive[Darker[Green], Thickness[0.007]]}, $\mathsf{FrameLabel} \rightarrow \left\{ "\phi \in [-\pi, \ \pi]", \ "\frac{\left\langle \psi_{\mathcal{P}\mathcal{T}} \mid \psi_{\mathcal{P}\mathcal{T}} \right\rangle}{\left\langle \psi_{\mathcal{P}\mathcal{T}} \mid \psi_{\mathcal{P}\mathcal{T}} \right\rangle + \left\langle \psi_{\mathcal{P}\mathcal{T}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{P}\mathcal{T}} \right\rangle} \left[\phi \right]" \right\},$ LabelStyle → {FontWeight → "Bold", FontSize → 25},



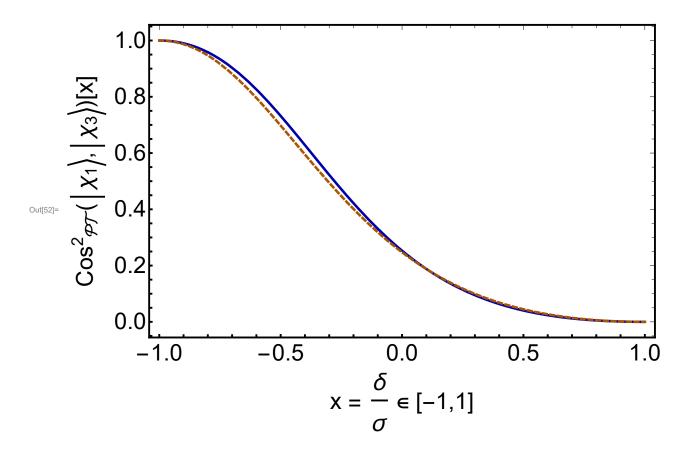
ln[49]:= title = Panel[Style["First stage, $\alpha = \frac{\pi}{2} - 1$, $\mathcal{N}(0) \approx \mathcal{N}_{min}$, ϕ dependence", White, 20], ImageSize → 600, Background → Blue, Alignment → Center]; DependenceVariation = Deploy@Grid[{{title, SpanFromLeft}, {p1, p2}}, Dividers \rightarrow Gray, Spacings \rightarrow {0, 0}]



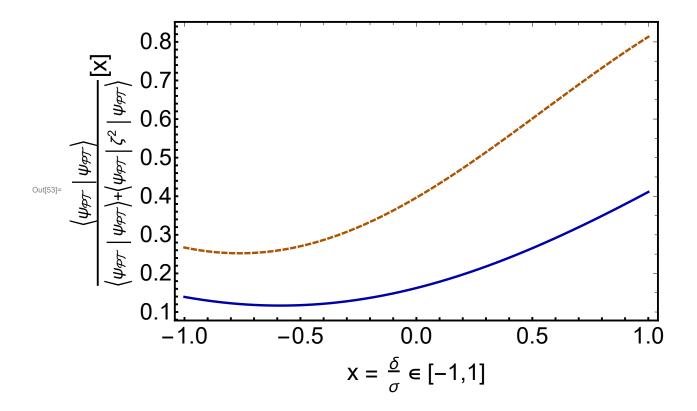
ln[51]= Export["DependenceVariationFirst_PhiDependence.png", DependenceVariation]

Out[51]= DependenceVariationFirst_PhiDependence.png

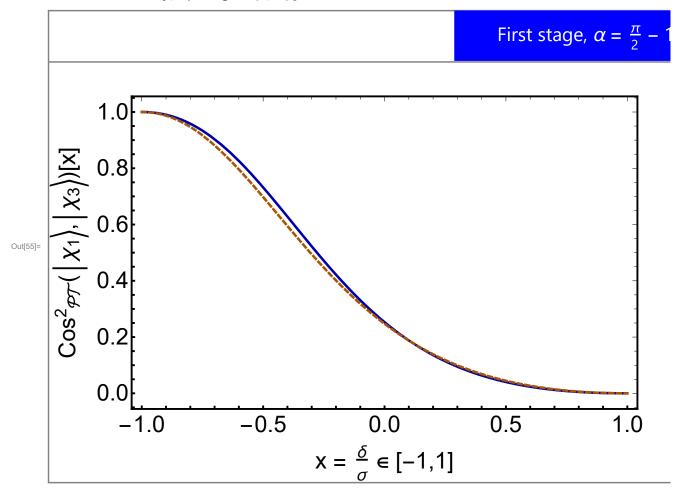
```
ln[52]:= p1 = Plot[{1 - N[cosFirstFunction[-x * 4 / 5, 4 / 5, \pi/2 - 1, 1]],
                                                                1 - N[cosFirstFunction[-x * 6 / 5, 6 / 5, \pi/2 - 1, 1]]}, {x, -1, 1}, PlotRange \rightarrow All,
                                                       PlotStyle → {Directive[Darker[Blue], Thickness[0.005], Dashed[1]],
                                                                        Directive[Darker[Orange], Thickness[0.005], Dashed]}, Frame → True,
                                                       FrameStyle → Directive[Black, Thick], LabelStyle → Large, Frame → True,
                                                       FrameStyle \rightarrow Directive[Black, Thick], LabelStyle \rightarrow Large,
                                                       PlotStyle → {Directive[Darker[Green], Thickness[0.007]]}, Axes → False,
                                                      \mathsf{FrameLabel} \rightarrow \left\{ \left\{ \mathsf{"Cos^2}_{\mathcal{PT}} \left( \left| \chi_1 \right\rangle, \left| \chi_3 \right\rangle \right) \left[ \mathsf{X} \right] \right. \right\}, \\ \left\{ \mathsf{"X} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right. \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right. \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left\{ \mathsf{"N} = \frac{\delta}{\sigma} \in \left[ -1, 1 \right] \right\}, \\ \left
                                                       LabelStyle \rightarrow {FontWeight \rightarrow "Bold", FontSize \rightarrow 25},
                                                       ImageSize → 650, GridLinesStyle → Directive[Thick, Gray]
```



 $ln[53] = p2 = Plot[\{N[DecisivenessFirstFunction[-x * 4 / 5, 4 / 5, \pi / 2 - 1, 3]],$ N[DecisivenessFirstFunction[-x * 6 / 5, 6 / 5, $\pi / 2 - 1$, 2]]}, {x, -1, 1}, PlotRange → All, PlotStyle → {Directive[Darker[Blue], Thickness[0.005], Dashed[1]], Directive[Darker[Orange], Thickness[0.005], Dashed]}, Frame → True, FrameStyle → Directive[Black, Thick], LabelStyle → Large, PlotLegends \rightarrow LineLegend $\left[\left\{ "\sigma = \frac{4}{5}", "\sigma = \frac{6}{5}" \right\}, \text{ LegendFunction } \rightarrow \text{ Framed} \right],$ Axes → False, Frame → True, FrameStyle → Directive[Black, Thick], LabelStyle → Large, PlotStyle → {Directive[Darker[Green], Thickness[0.007]]}, $\mathsf{FrameLabel} \to \left\{ \left\{ \left\| \frac{\left\langle \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \right\rangle}{\left\langle \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \right\rangle + \left\langle \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle} \left[\mathsf{x} \right] \right\}, \\ \left\{ \left\| \mathsf{x} \right\| = \frac{\delta}{\sigma} \in [-1,1] \right\}, \\ \left\| \mathsf{x} \right\| \to \left\{ \left\{ \left\| \frac{\delta}{\sigma} \mid \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle + \left\langle \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle \right\}, \\ \left\| \mathsf{x} \right\| \to \left\{ \left\{ \left\| \frac{\delta}{\sigma} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle + \left\langle \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle \right\}, \\ \left\| \mathsf{x} \right\| \to \left\{ \left\{ \left\| \frac{\delta}{\sigma} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle + \left\langle \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle \right\}, \\ \left\| \mathsf{x} \right\| \to \left\{ \left\{ \left\| \frac{\delta}{\sigma} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle + \left\langle \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle \right\}, \\ \left\| \mathsf{x} \right\| \to \left\{ \left\{ \left\| \frac{\delta}{\sigma} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle + \left\langle \psi_{\mathcal{PT}} \mid \mathcal{E}^2 \mid \psi_{\mathcal{PT}} \right\rangle \right\}, \\ \left\| \mathsf{x} \right\| \to \left\{ \left\| \frac{\delta}{\sigma} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}} \right\rangle \right\}, \\ \left\| \mathsf{x} \right\| \to \left\{ \left\| \frac{\delta}{\sigma} \mid \psi_{\mathcal{PT}} \mid \psi_{\mathcal{PT}$ LabelStyle \rightarrow {FontWeight \rightarrow "Bold", FontSize \rightarrow 25}, ImageSize → 650, GridLinesStyle → Directive[Thick, Gray]



In[54]:= **title =** Panel[Style["First stage, $\alpha = \frac{\pi}{2} - 1$, $\phi = -\frac{\pi}{2}$, $\mathcal{N}(0) \approx \mathcal{N}_{\min}$, x dependence", White, 20], ImageSize → 600, Background → Blue, Alignment → Center]; DependenceVariation = Deploy@Grid[{{title, SpanFromLeft}, {p1, p2}}, Dividers → Gray, Spacings → {0, 0}]



In[56]= Export["DependenceVariationFirst_xDependence.png", DependenceVariation]

Out[56]= DependenceVariationFirst_xDependence.png