$$\begin{aligned} &\text{Sys} := \left\{ \\ &\text{L'[t]} := 10 \left(\text{mL[t]} - \text{L[t]} \right), \\ &\text{Cl'[t]} := 10 \left(\text{mC[t]} - \text{Cl[t]} \right), \\ &\text{T'[t]} := 10 \left(\text{mT[t]} - \text{T[t]} \right), \\ &\text{mL'[t]} := \frac{10}{\text{Cl[t]}^2 + 1} - \text{mL[t]}, \\ &\text{mC'[t]} := \frac{10}{\text{T[t]}^2 + 1} - \text{mC[t]}, \\ &\text{mT'[t]} := \frac{10}{\text{L[t]}^2 + 1} - \text{mT[t]}, \\ &\text{L[0]} := 1, \text{Cl[0]} := 0, \text{T[0]} := 0, \text{mL[0]} := \text{mC[0]} := \text{mT[0]} := 0 \right\} \end{aligned}$$

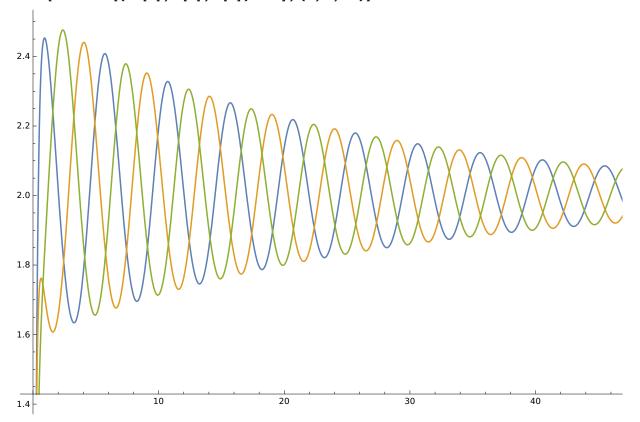
Sys

$$\begin{split} \left\{ \mathsf{L}'[\mathsf{t}] &= \mathsf{10} \; \left(- \mathsf{L}[\mathsf{t}] + \mathsf{mL}[\mathsf{t}] \right), \; \mathsf{Cl}'[\mathsf{t}] = \mathsf{10} \; \left(- \mathsf{Cl}[\mathsf{t}] + \mathsf{mC}[\mathsf{t}] \right), \\ \mathsf{T}'[\mathsf{t}] &= \mathsf{10} \; \left(\mathsf{mT}[\mathsf{t}] - \mathsf{T}[\mathsf{t}] \right), \; \mathsf{mL}'[\mathsf{t}] = \frac{\mathsf{10}}{\mathsf{1} + \mathsf{Cl}[\mathsf{t}]^2} - \mathsf{mL}[\mathsf{t}], \; \mathsf{mC}'[\mathsf{t}] = - \mathsf{mC}[\mathsf{t}] + \frac{\mathsf{10}}{\mathsf{1} + \mathsf{T}[\mathsf{t}]^2}, \\ \mathsf{mT}'[\mathsf{t}] &= \frac{\mathsf{10}}{\mathsf{1} + \mathsf{L}[\mathsf{t}]^2} - \mathsf{mT}[\mathsf{t}], \; \mathsf{L}[\mathsf{0}] = \mathsf{1}, \; \mathsf{Cl}[\mathsf{0}] = \mathsf{0}, \; \mathsf{T}[\mathsf{0}] = \mathsf{0}, \; \mathsf{mL}[\mathsf{0}] = \mathsf{mC}[\mathsf{0}] = \mathsf{mT}[\mathsf{0}] = \mathsf{0} \right\} \end{split}$$

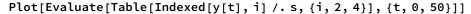
s := NDSolve[Sys,

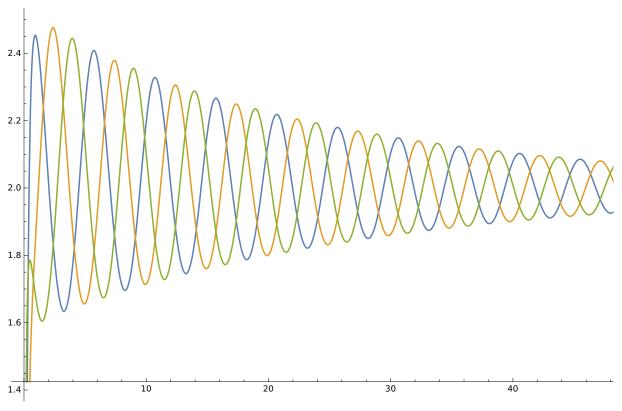
{Cl[t], L[t], mC[t], mL[t], mT[t], T[t], uC[t], uL[t], uT[t]}, {t, 0, 100, 0.0001}]

Plot[Evaluate[{Cl[t], L[t], T[t]} /. s], {t, 0, 50}]



```
Sys := {
   L'[t] = 10 (mL[t] - L[t]),
   Cl'[t] = 10 (mC[t] - Cl[t]),
   T'[t] = 10 (mT[t] - T[t]),
   mL'[t] = 10uC[t] - mL[t],
   mC'[t] = 10 uT[t] - mC[t],
   mT'[t] = 10 uL[t] - mT[t],
  uL'[t] = -20L[t]uL[t]^{2}(mL[t] - L[t]),
   uC'[t] = -20 Cl[t] uC[t]^{2} (mC[t] - Cl[t]),
   uT'[t] = -20T[t]uT[t]^{2}(mT[t] - T[t]),
   L[0] = 1,
   Cl[0] = 0,
   T[0] = 0,
   \mathsf{mL}\left[\Theta\right] = \mathsf{mC}\left[\Theta\right] = \mathsf{mT}\left[\Theta\right] = \Theta
   uL[0] = 1/2,
   uC[0] = 1,
   uT[0] = 1
 }
f[{L_, Cl_, T_, mL_, mC_, mT_, uL_, uC_, uT_}] := {
   10 (mL - L), 10 (mC - Cl), 10 (mT - T),
   10 uC - mL, 10 uT - mC, 10 uL - mT,
   -20 L * uL^{2} * (mL - L), -20 Cl uC^{2} (mC - Cl), -20 T uT^{2} (mT - T)}
f[{L, Cl, T, mL, mC, mT, uL, uC, uT}]
\{10 \ (-L + mL), 10 \ (-Cl + mC), 10 \ (mT - T), -mL + 10 \ uC, -mC + 10 \ uT, 
 -mT + 10 \text{ uL}, -20 \text{ L} \left(-L + mL\right) \text{ uL}^2, -20 \text{ Cl} \left(-\text{Cl} + mC\right) \text{ uC}^2, -20 \text{ (mT} - T) \text{ T uT}^2
Sys := \{y'[t] = f[y[t]], y[0] = \{1, 0, 0, 0, 0, 0, 1/2, 1, 1\}\}
\{y'[t] = f[y[t]], y[0] = \{1, 0, 0, 0, 0, 0, \frac{1}{2}, 1, 1\}\}
s := NDSolve[Sys, {y[t]}, {t, 0, 100, 0.0001}]
                                                     Domain: \{(0., 100.)\}
Output dimensions: \{9\}
\{y[t] \rightarrow InterpolatingFunction[
```





Resolve $[Exists[x], x^2 + bx + c = 0]$, Reals

$$- \ b^2 \ + \ 4 \ c \ \le \ 0$$

$$g[x_{-}, y_{-}, z_{-}] := x^{2} - 2y + z^{4}$$

 $f[x_{-}, y_{-}, z_{-}] := \{2x, 2y, 3z\}$

Lie[f_, g_, xs_] :=
$$\nabla_{xs}g.f$$

$$4 x^2 - 4 y + 12 z^4$$

lin :=
$$\alpha_1$$
 L + α_2 Cl + α_3 T + α_4 mL + α_5 mC + α_6 mT + α_7 uL + α_8 uC + α_9 uT

quad :=
$$(\alpha_1 L + \alpha_2 Cl + \alpha_3 T + \alpha_4 mL + \alpha_5 mC + \alpha_6 mT + \alpha_7 uL + \alpha_8 uC + \alpha_9 uT)$$

 $(\beta_1 L + \beta_2 Cl + \beta_3 T + \beta_4 mL + \beta_5 mC + \beta_6 mT + \beta_7 uL + \beta_8 uC + \beta_9 uT)$

Resolve[ForAll[{L, Cl, T, mL, mC, mT, uL, uC, uT}, Lie[f[xs], lin, xs] == 0]]

$$\alpha_9 = 0 \&\& \alpha_8 = 0 \&\& \alpha_7 = 0 \&\& \alpha_6 = 0 \&\& \alpha_5 = 0 \&\& \alpha_4 = 0 \&\& \alpha_4 = 0 \&\& \alpha_1 = 0 \&\& \alpha_1 = 0 \&\& \alpha_2 = 0 \&\& \alpha_1 = 0 \&\& \alpha_1 = 0 \&\& \alpha_1 = 0 \&\& \alpha_2 = 0 \&\& \alpha_1 = 0 \&\& \alpha_2 = 0 \&\& \alpha_2 = 0 \&\& \alpha_1 = 0 \&\& \alpha_2 = 0 \&\& \alpha_2 = 0 \&\& \alpha_2 = 0 \&\& \alpha_3 = 0 \&\& \alpha_1 = 0 \&\& \alpha_2 = 0 \&\& \alpha_2 = 0 \&\& \alpha_3 = 0 \&\& \alpha_1 = 0 \&\& \alpha_2 = 0 \&\& \alpha_2 = 0 \&\& \alpha_3 = 0 \&$$

Reduce [%22]

$$\alpha_9 = 0 \&\& \alpha_8 = 0 \&\& \alpha_7 = 0 \&\& \alpha_6 = 0 \&\& \alpha_3 = 0 \&\& \alpha_5 = 0 \&\& \alpha_2 = 0 \&\& \alpha_4 = 0 \&\& \alpha_1 = 0$$

Resolve[ForAll[{L, Cl, T, mL, mC, mT, uL, uC, uT}, Lie[f[xs], quad, xs] == 0]]

```
(\alpha_9 \beta_8 + \alpha_8 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_5 + \alpha_5 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_6 + \alpha_6 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_7 + \alpha_7 \beta_9 = 0 \& \alpha_9 \beta_8 + \alpha_8 \beta_9 = 0 \& \alpha_9 \beta_8 + \alpha_9 \beta_9 = 0 \& \alpha_9 \beta_8 + \alpha_9 \beta_9 = 0 \& \alpha_9 \beta_9 =
                                                                                    \alpha_7 \ \beta_5 + \alpha_9 \ \beta_6 + \alpha_5 \ \beta_7 + \alpha_6 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_4 + \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 + \alpha_4 \ \beta_9 == \mathbf{0} \ \&\& \ \alpha_9 \ \beta_8 + \alpha_8 \ \beta
                                                                                    -10 \alpha_9 \beta_3 - 10 \alpha_6 \beta_5 - 10 \alpha_5 \beta_6 + \alpha_9 \beta_6 - 10 \alpha_3 \beta_9 + \alpha_6 \beta_9 = 0 \&\&
                                                                                    -\alpha_9 \beta_3 + \alpha_9 \beta_6 - \alpha_3 \beta_9 + \alpha_6 \beta_9 = 0 \&\& \alpha_9 \beta_3 + \alpha_3 \beta_9 = 0 \&\&
                                                                                    -\alpha_5 \beta_3 + \alpha_9 \beta_3 - \alpha_3 \beta_5 + \alpha_3 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 == 0 \&\& -10 \alpha_9 \beta_5 - 10 \alpha_5 \beta_5 + \alpha_9 \beta_5 - \alpha_9 \beta_5 + \alpha_9 \beta_5 - \alpha_9 \beta_5 - \alpha_9 \beta_5 - \alpha_9 \beta_5 + \alpha_9 \beta_5 - \alpha_9 \beta_5 + \alpha_9 \beta_5 - \alpha_9 \beta
                                                                                    \alpha_9 \beta_2 + \alpha_2 \beta_9 = 0 \& -\alpha_5 \beta_2 + \alpha_9 \beta_2 - \alpha_2 \beta_5 + \alpha_2 \beta_9 = 0 \& 
                                                                                        -10 \alpha_9 \beta_1 - 10 \alpha_5 \beta_4 + \alpha_9 \beta_4 - 10 \alpha_4 \beta_5 - 10 \alpha_1 \beta_9 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_1 + \alpha_1 \beta_1 + \alpha_1 \beta_1 + \alpha_2 \beta_1 + \alpha_2 \beta_1 + \alpha_2 \beta_1 + \alpha_2 \beta_1 + \alpha_3 \beta_2 + \alpha_3 \beta_1 + \alpha_3 \beta_1 + \alpha_3 \beta_2 + \alpha_3 \beta_2 + \alpha_3 \beta_3 + \alpha_3 \beta_
                                                                                    -\alpha_5 \beta_1 + \alpha_9 \beta_1 - \alpha_1 \beta_5 + \alpha_1 \beta_9 = 0 \& \beta_8 = 0 \& \beta_7 = 0 \& \beta_2 = 0 \& \beta_1 = 0 \& \beta_1 = 0 \& \beta_1 = 0 \& \beta_2 = 0 \& \beta_2 = 0 \& \beta_2 = 0 \& \beta_3 = 0 \&
                                                                                    \alpha_8 \beta_7 + \alpha_7 \beta_8 = 0 \&\& \alpha_8 \beta_6 + \alpha_6 \beta_8 = 0 \&\& \alpha_7 \beta_6 + \alpha_6 \beta_7 = 0 \&\& \alpha_8 \beta_5 + \alpha_5 \beta_8 = 0 \&\& \alpha_8 \beta_7 + \alpha_8 \beta_8 = 0 \&\& \alpha_8 \beta_8 = 0 \&\& \alpha_8 \beta_8 + \alpha_8 \beta_8 = 0 \&\& \alpha_8 \beta_8 + \alpha_8 \beta_8 = 0 \&\& \alpha_8 \beta_8 + \alpha_8 \beta_8 = 0 \&\& \alpha_8 \beta_8 =
                                                                                    \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 == \ 0 \ \&\& \ \alpha_8 \ \beta_4 + \alpha_4 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_4 + \alpha_4 \ \beta_7 == \ 0 \ \&\& \ \alpha_7 \ \beta_4 + \alpha_8 \ \beta_6 + \alpha_4 \ \beta_7 + \alpha_6 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_4 + \alpha_8 \ \beta_6 + \alpha_4 \ \beta_7 + \alpha_6 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_4 + \alpha_8 \ \beta_6 + \alpha_4 \ \beta_7 + \alpha_6 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 + \alpha_8 \ \beta_6 + \alpha_8 \ \beta_8 + \alpha_8 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 + \alpha_8 \ \beta_8 + \alpha_8 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0 \ \&\& \ \alpha_7 \ \beta_8 == \ 0
                                                                                    -10 \ \alpha_8 \ \beta_3 - 10 \ \alpha_6 \ \beta_4 - 10 \ \alpha_4 \ \beta_6 + \alpha_8 \ \beta_6 - 10 \ \alpha_3 \ \beta_8 + \alpha_6 \ \beta_8 == 0 \ \&\& \ \alpha_8 \ \beta_3 + \alpha_3 \ \beta_8 == 0 \ \&\& \ A_8 \
                                                                                    -10 \ \alpha_7 \ \beta_3 - 20 \ \alpha_6 \ \beta_6 + \alpha_7 \ \beta_6 - 10 \ \alpha_3 \ \beta_7 + \alpha_6 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_7 + \alpha_7 \ \beta_7
                                                                                    -5 \alpha_6 \beta_3 - 5 \alpha_3 \beta_6 + \alpha_6 \beta_6 == 0 \&\& -\alpha_6 \beta_3 + \alpha_7 \beta_3 - \alpha_3 \beta_6 + \alpha_3 \beta_7 == 0 \&\&
                                                                                    -\alpha_4 \beta_3 + \alpha_8 \beta_3 - \alpha_3 \beta_4 + \alpha_3 \beta_8 = 0 \& -20 \alpha_3 \beta_3 + 11 \alpha_6 \beta_3 + 11 \alpha_3 \beta_6 = 0 \& -20 \alpha_3 \beta_3 + 11 \alpha_6 \beta_3 + 11 \alpha_8 \beta_6 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 + 11 \alpha_8 \beta_8 = 0 \& -20 \alpha_8 \beta_8 = 0 \& -
                                                                                    \beta_9 = 0 \& \& \beta_3 = 0 \& \& -10 \alpha_8 \beta_2 - 10 \alpha_5 \beta_4 - 10 \alpha_4 \beta_5 + \alpha_8 \beta_5 - 10 \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& \& -10 \alpha_8 \beta_5 - 10 \alpha_8 \beta_5 - 10 \alpha_8 \beta_5 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 10 \alpha_8 \beta_8 = 0 \& -10 \alpha_8 \beta_8 - 1
                                                                                    -\alpha_8\beta_2+\alpha_8\beta_5-\alpha_2\beta_8+\alpha_5\beta_8=0\&\&\alpha_8\beta_2+\alpha_2\beta_8=0\&\&
                                                                                    -10 \alpha_7 \beta_2 - 10 \alpha_6 \beta_5 + \alpha_7 \beta_5 - 10 \alpha_5 \beta_6 - 10 \alpha_2 \beta_7 + \alpha_5 \beta_7 = 0 \&\&
                                                                                    \alpha_7 \beta_2 + \alpha_2 \beta_7 = 0 \&\& -5 \alpha_6 \beta_2 - 5 \alpha_5 \beta_3 - 5 \alpha_3 \beta_5 + \alpha_6 \beta_5 - 5 \alpha_2 \beta_6 + \alpha_5 \beta_6 = 0 \&\&
                                                                                    -\alpha_6 \beta_2 + \alpha_7 \beta_2 - \alpha_2 \beta_6 + \alpha_2 \beta_7 = 0 \&\& -5 \alpha_5 \beta_2 - 5 \alpha_2 \beta_5 + \alpha_5 \beta_5 = 0 \&\&
                                                                                        -\alpha_4 \ \beta_2 + \alpha_8 \ \beta_2 - \alpha_2 \ \beta_4 + \alpha_2 \ \beta_8 = 0 \ \&\& -10 \ \alpha_3 \ \beta_2 - 10 \ \alpha_2 \ \beta_3 + 11 \ \alpha_5 \ \beta_3 + 11 \ \alpha_3 \ \beta_5 = 0 \ \&\& -10 \ \alpha_3 \ \beta_2 - 10 \ \alpha_3 \ \beta_3 + 11 \ \alpha_5 \ \beta_3 + 11 \ \alpha_3 \ \beta_5 = 0 \ \&\& -10 \ \alpha_3 \ \beta_3 + 11 \ \alpha_5 \ \beta_3 + 11 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -10 \ \alpha_5 \ \beta_5 = 0 \ \&\& -1
                                                                                    -10 \alpha_3 \beta_2 + 11 \alpha_6 \beta_2 - 10 \alpha_2 \beta_3 + 11 \alpha_2 \beta_6 = 0 \& \alpha_3 \beta_2 + \alpha_2 \beta_3 = 0 \& \alpha_3 \beta_2 + \alpha_2 \beta_3 = 0 \& \alpha_3 \beta_2 + \alpha_3 \beta_3 = 0 \& \alpha_3 \beta_2 + \alpha_3 \beta_3 = 0 \& \alpha_3 \beta_2 + \alpha_3 \beta_3 = 0 \& \alpha_3 \beta_3 \alpha_3 \beta_3 = 0
                                                                                    -20 \alpha_2 \beta_2 + 11 \alpha_5 \beta_2 + 11 \alpha_2 \beta_5 = 0 \& -10 \alpha_8 \beta_1 - 20 \alpha_4 \beta_4 + \alpha_8 \beta_4 - 10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_4 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_1 \beta_8 + \alpha_2 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_2 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_2 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_2 \beta_8 = 0 \& -10 \alpha_1 \beta_8 + \alpha_2 \beta_8 
                                                                                    \alpha_{8} \beta_{1} + \alpha_{1} \beta_{8} = 0 \& -10 \alpha_{7} \beta_{1} - 10 \alpha_{6} \beta_{4} + \alpha_{7} \beta_{4} - 10 \alpha_{4} \beta_{6} - 10 \alpha_{1} \beta_{7} + \alpha_{4} \beta_{7} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{1} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} + \alpha_{2} \beta_{3} = 0 \& -10 \alpha_{1} \beta_{2} = 0 \& -10 \alpha_{1} +
                                                                                    -\alpha_7 \beta_1 + \alpha_7 \beta_4 - \alpha_1 \beta_7 + \alpha_4 \beta_7 = \mathbf{0} \&\& \alpha_7 \beta_1 + \alpha_1 \beta_7 = \mathbf{0} \&\&
                                                                                        -5 \alpha_6 \beta_1 - 5 \alpha_4 \beta_3 - 5 \alpha_3 \beta_4 + \alpha_6 \beta_4 - 5 \alpha_1 \beta_6 + \alpha_4 \beta_6 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_6 + \alpha_1 \beta_7 = 0 \& -\alpha_6 \beta_1 + \alpha_7 \beta_1 - \alpha_1 \beta_1 + \alpha_7 \beta_1 - \alpha_7 \beta_1 + 
                                                                                    -5 \alpha_5 \beta_1 - 5 \alpha_4 \beta_2 - 5 \alpha_2 \beta_4 + \alpha_5 \beta_4 - 5 \alpha_1 \beta_5 + \alpha_4 \beta_5 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 + \alpha_5 \beta_5 + \alpha_5
                                                                                    -\alpha_4 \beta_1 + \alpha_8 \beta_1 - \alpha_1 \beta_4 + \alpha_1 \beta_8 = 0 \& -10 \alpha_3 \beta_1 - 10 \alpha_1 \beta_3 + 11 \alpha_4 \beta_3 + 11 \alpha_3 \beta_4 = 0 \& -10 \alpha_1 \beta_3 + 11 \alpha_4 \beta_3 + 11 \alpha_4 \beta_4 + 11 \alpha_4 \beta_5 + 11 \alpha_4 \beta_5 + 11 \alpha_4 \beta_5 + 11 \alpha_4 \beta_5 + 11 \alpha_5 \beta_6 + 11 \alpha
                                                                                    -10 \alpha_3 \beta_1 + 11 \alpha_6 \beta_1 - 10 \alpha_1 \beta_3 + 11 \alpha_1 \beta_6 = 0 \&\&
                                                                                    \alpha_3 \beta_1 + \alpha_1 \beta_3 = 0 \& -10 \alpha_2 \beta_1 - 10 \alpha_1 \beta_2 + 11 \alpha_4 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& 
                                                                                    -10 \alpha_2 \beta_1 + 11 \alpha_5 \beta_1 - 10 \alpha_1 \beta_2 + 11 \alpha_1 \beta_5 = 0 \&\&
                                                                                    \alpha_2 \beta_1 + \alpha_1 \beta_2 = 0 \&\& -20 \alpha_1 \beta_1 + 11 \alpha_4 \beta_1 + 11 \alpha_1 \beta_4 = 0) | |
                                                .1...) || (....1....) ||
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                                                                                                                                                     1....) || (....1....) ||
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                                                                                                                                             1....) || (....1....) || (....1....) ||
                                                                                                                                                                                                                      D) || (....1....) || (....1....) ||
                                                                                                                                                                                                                                                                                                               ) || (...1...) || (...1...) ||
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(\alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_7 + \alpha_7 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_6 + \alpha_6 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_5 + \alpha_5 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_8 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_9 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_8 + \alpha_9 \ \beta_9 == 0 \&\& \alpha_9 \ \beta_9 == 0 
                                                                                                                             \alpha_7 \beta_5 + \alpha_9 \beta_6 + \alpha_5 \beta_7 + \alpha_6 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_4 \beta_9 = 0 \&\& \alpha_9 \beta_4 + \alpha_8 \beta_5 + \alpha_5 \beta_8 + \alpha_5 
                                                                                                                                   -10 \alpha_9 \beta_3 - 10 \alpha_6 \beta_5 - 10 \alpha_5 \beta_6 + \alpha_9 \beta_6 - 10 \alpha_3 \beta_9 + \alpha_6 \beta_9 = 0 \&\&
                                                                                                                             -\alpha_9 \beta_3 + \alpha_9 \beta_6 - \alpha_3 \beta_9 + \alpha_6 \beta_9 == 0 \&\& \alpha_9 \beta_3 + \alpha_3 \beta_9 == 0 \&\& -\alpha_5 \beta_3 + \alpha_9 \beta_3 - \alpha_3 \beta_5 + \alpha_3 \beta_9 == 0 \&\& -\alpha_5 \beta_3 + \alpha_9 \beta_3 - \alpha_3 \beta_5 + \alpha_3 \beta_9 == 0 \&\& -\alpha_5 \beta_3 + \alpha_9 \beta_3 - \alpha_3 \beta_5 + \alpha_3 \beta_9 == 0 \&\& -\alpha_5 \beta_3 + \alpha_9 \beta_3 - \alpha_3 \beta_5 + \alpha_3 \beta_9 == 0 \&\& -\alpha_5 \beta_3 + \alpha_9 \beta_3 - \alpha_3 \beta_5 + \alpha_3 \beta_9 == 0 \&\& -\alpha_5 \beta_3 + \alpha_9 \beta_3 - \alpha_3 \beta_5 + \alpha_3 \beta_9 == 0 \&\& -\alpha_5 \beta_3 + \alpha_5 \beta_5 + \alpha_5 \beta_5 == 0 \&\& -\alpha_5 
                                                                                                                                   -10 \alpha_9 \beta_2 - 20 \alpha_5 \beta_5 + \alpha_9 \beta_5 - 10 \alpha_2 \beta_9 + \alpha_5 \beta_9 = 0 \&\& \alpha_9 \beta_2 + \alpha_2 \beta_9 = 0 \&\&
                                                                                                                             -\alpha_5 \beta_2 + \alpha_9 \beta_2 - \alpha_2 \beta_5 + \alpha_2 \beta_9 == 0 \& \& -10 \alpha_9 \beta_1 - 10 \alpha_5 \beta_4 + \alpha_9 \beta_4 - 10 \alpha_4 \beta_5 - 10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_4 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_2 \beta_9 == 0 \& -10 \alpha_1 \beta_9 + \alpha_2 \beta_9 == 0 \& -10 
                                                                                                                                                              0 \&\& \alpha_9 \ \beta_1 + \alpha_1 \ \beta_9 = 0 \&\& -\alpha_5 \ \beta_1 + \alpha_9 \ \beta_1 - \alpha_1 \ \beta_5 + \alpha_1 \ \beta_9 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha_7 \ \beta_8 = 0 \&\& \alpha_8 \ \beta_7 + \alpha
                                                                                                                             \alpha_8 \ \beta_6 + \alpha_6 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_6 + \alpha_6 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_8 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_5 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_7 + \alpha_5 \ \beta_8 = 0 \ \&\& \ \alpha_7 \ \beta_7 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_7 + \alpha_5 \ \beta_7 = 0 \ \&\& \ \alpha_7 \ \beta_7 + \alpha_7 
                                                                                                                             \alpha_8 \beta_4 + \alpha_4 \beta_8 = 0 \& \alpha_7 \beta_4 + \alpha_4 \beta_7 = 0 \& \alpha_7 \beta_4 + \alpha_8 \beta_6 + \alpha_4 \beta_7 + \alpha_6 \beta_8 = 0 \& \alpha_7 \beta_4 + \alpha_8 \beta_6 + \alpha_4 \beta_7 + \alpha_6 \beta_8 = 0 \& \alpha_7 \beta_4 + \alpha_8 \beta_6 + \alpha_8 \beta_6 + \alpha_8 \beta_6 + \alpha_8 \beta_8 = 0 \& \alpha_7 \beta_8 = 0 \& \alpha_7 \beta_8 + \alpha_8 \beta_8 = 0 \& \alpha_7 \beta_8 = 0 \& \alpha_7 \beta_8 + \alpha_8 \beta_8 = 0 \& \alpha_7 \beta_8 = 0 \& \alpha_7 \beta_8 + \alpha_8 \beta_8 = 0 \& \alpha_7 \beta_8 = 0 \& \alpha_7 \beta_8 + \alpha_8 \beta_8 = 0 \& \alpha_7 \beta_8 = 0 \& \alpha_7 \beta_8 = 0 \& \alpha_7 \beta_8 + \alpha_8 \beta_8 = 0 \& \alpha_7 \beta_8 = 0 
                                                                                                                             -10 \ \alpha_8 \ \beta_3 - 10 \ \alpha_6 \ \beta_4 - 10 \ \alpha_4 \ \beta_6 + \alpha_8 \ \beta_6 - 10 \ \alpha_3 \ \beta_8 + \alpha_6 \ \beta_8 == 0 \ \&\& \ \alpha_8 \ \beta_3 + \alpha_3 \ \beta_8 == 0 \ \&\& \ A_8 \
                                                                                                                             -10 \ \alpha_7 \ \beta_3 - 20 \ \alpha_6 \ \beta_6 + \alpha_7 \ \beta_6 - 10 \ \alpha_3 \ \beta_7 + \alpha_6 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_3 + \alpha_3 \ \beta_7 == 0 \ \&\& \ \alpha_7 \ \beta_7 == 0 \
                                                                                                                                   -5 \alpha_6 \beta_3 - 5 \alpha_3 \beta_6 + \alpha_6 \beta_6 = 0 \&\& -\alpha_6 \beta_3 + \alpha_7 \beta_3 - \alpha_3 \beta_6 + \alpha_3 \beta_7 = 0 \&\&
                                                                                                                             -\alpha_4 \beta_3 + \alpha_8 \beta_3 - \alpha_3 \beta_4 + \alpha_3 \beta_8 = 0 \& -20 \alpha_3 \beta_3 + 11 \alpha_6 \beta_3 + 11 \alpha_3 \beta_6 = 0 \& -20 \alpha_3 \beta_3 + 11 \alpha_6 \beta_3 + 11 \alpha_5 \beta_6 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_6 \beta_5 + 11 \alpha_5 \beta_6 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_6 \beta_5 + 11 \alpha_5 \beta_6 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_6 \beta_5 + 11 \alpha_5 \beta_6 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_6 \beta_5 + 11 \alpha_5 \beta_6 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_6 \beta_5 + 11 \alpha_5 \beta_6 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 = 0 \& -20 \alpha_5 \beta_5 =
                                                                                                                                   -10 \alpha_8 \beta_2 - 10 \alpha_5 \beta_4 - 10 \alpha_4 \beta_5 + \alpha_8 \beta_5 - 10 \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_2 + \alpha_8 \beta_5 - \alpha_2 \beta_8 + \alpha_5 \beta_8 = 0 \& -\alpha_8 \beta_5 - \alpha_5 \beta_5 + \alpha_8 \beta_5 - \alpha_5 \beta_5 + \alpha_5 \beta_
                                                                                                                                                                    0 \& \alpha_8 \ \beta_2 + \alpha_2 \ \beta_8 = 0 \& -10 \ \alpha_7 \ \beta_2 - 10 \ \alpha_6 \ \beta_5 + \alpha_7 \ \beta_5 - 10 \ \alpha_5 \ \beta_6 - 10 \ \alpha_2 \ \beta_7 + \alpha_5 \ \beta_7 = 0 \& -10 \ \alpha_6 \ \beta_6 - 10 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_6 \ \beta_7 + \alpha_7 \ \beta_7 = 0 \ \alpha_7 \ \beta_
                                                                                                                             \alpha_7 \beta_2 + \alpha_2 \beta_7 = 0 \&\& -5 \alpha_6 \beta_2 - 5 \alpha_5 \beta_3 - 5 \alpha_3 \beta_5 + \alpha_6 \beta_5 - 5 \alpha_2 \beta_6 + \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_2 \beta_6 + \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_5 - 5 \alpha_5 \beta_6 = 0 \&\& -5 \alpha_6 \beta_5 - 5 \alpha_5 \beta_
                                                                                                                             -\alpha_6 \beta_2 + \alpha_7 \beta_2 - \alpha_2 \beta_6 + \alpha_2 \beta_7 = 0 \&\& -5 \alpha_5 \beta_2 - 5 \alpha_2 \beta_5 + \alpha_5 \beta_5 = 0 \&\&
                                                                                                                             -\alpha_4 \beta_2 + \alpha_8 \beta_2 - \alpha_2 \beta_4 + \alpha_2 \beta_8 = 0 \& -10 \alpha_3 \beta_2 - 10 \alpha_2 \beta_3 + 11 \alpha_5 \beta_3 + 11 \alpha_3 \beta_5 = 0 \& -10 \alpha_2 \beta_3 + 11 \alpha_5 \beta_3 + 11 \alpha_5 \beta_5 = 0 \& -10 \alpha_5 \beta_5 + 11 \alpha_5 \beta_5 +
                                                                                                                             -10 \alpha_3 \beta_2 + 11 \alpha_6 \beta_2 - 10 \alpha_2 \beta_3 + 11 \alpha_2 \beta_6 = 0 \& \alpha_3 \beta_2 + \alpha_2 \beta_3 = 0 \& \alpha_3 \beta_2 + \alpha_2 \beta_3 = 0 \& \alpha_3 \beta_2 + \alpha_2 \beta_3 = 0 \& \alpha_3 \beta_2 + \alpha_3 \beta_3 = 0 \& \alpha_3 \beta_3 \alpha_3 \beta_3 = 0
                                                                                                                             -20 \,\alpha_2 \,\beta_2 + 11 \,\alpha_5 \,\beta_2 + 11 \,\alpha_2 \,\beta_5 = 0 \,\&\& \, -10 \,\alpha_8 \,\beta_1 - 20 \,\alpha_4 \,\beta_4 + \alpha_8 \,\beta_4 - 10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_8 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_1 + \alpha_2 \,\beta_2 + \alpha_4 \,\beta_3 + \alpha_4 \,\beta_4 + \alpha_4 \,\beta_8 = 0 \,\&\& \, -10 \,\alpha_1 \,\beta_1 + \alpha_4 \,\beta_3 + \alpha_4 \,\beta_4 + \alpha_4
                                                                                                                             \alpha_8 \ \beta_1 + \alpha_1 \ \beta_8 = 0 \ \& \ -10 \ \alpha_7 \ \beta_1 - 10 \ \alpha_6 \ \beta_4 + \alpha_7 \ \beta_4 - 10 \ \alpha_4 \ \beta_6 - 10 \ \alpha_1 \ \beta_7 + \alpha_4 \ \beta_7 = 0 \ \& \ -10 \ \alpha_6 \ \beta_8 + \alpha_7 \ \beta_8 - 10 \ \alpha_8 \ \beta_7 + \alpha_8 \ \beta_7 = 0 \ \& \ -10 \ \alpha_8 \ \beta_8 + \alpha_
                                                                                                                             -\alpha_7 \beta_1 + \alpha_7 \beta_4 - \alpha_1 \beta_7 + \alpha_4 \beta_7 = 0 \&\& \alpha_7 \beta_1 + \alpha_1 \beta_7 = 0 \&\&
                                                                                                                             -5 \alpha_{6} \beta_{1} - 5 \alpha_{4} \beta_{3} - 5 \alpha_{3} \beta_{4} + \alpha_{6} \beta_{4} - 5 \alpha_{1} \beta_{6} + \alpha_{4} \beta_{6} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1} - \alpha_{1} \beta_{6} + \alpha_{1} \beta_{7} = 0 \& -\alpha_{6} \beta_{1} + \alpha_{7} \beta_{1
                                                                                                                             -5 \alpha_5 \beta_1 - 5 \alpha_4 \beta_2 - 5 \alpha_2 \beta_4 + \alpha_5 \beta_4 - 5 \alpha_1 \beta_5 + \alpha_4 \beta_5 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_4 \beta_1 - 5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 = 0 \&\& -5 \alpha_1 \beta_4 + \alpha_4 \beta_4 + \alpha_5 \beta_5 + \alpha_5
                                                                                                                                   -\alpha_4 \beta_1 + \alpha_8 \beta_1 - \alpha_1 \beta_4 + \alpha_1 \beta_8 = 0 \& -10 \alpha_3 \beta_1 - 10 \alpha_1 \beta_3 + 11 \alpha_4 \beta_3 + 11 \alpha_3 \beta_4 = 0 \& -10 \alpha_1 \beta_3 + 11 \alpha_4 \beta_3 + 11 \alpha_4 \beta_4 + 11 \alpha_4 \beta_5 + 11 \alpha_4 \beta_5 + 11 \alpha_4 \beta_5 + 11 \alpha_5 \beta_6 + 11 \alpha
                                                                                                                             -10 \alpha_3 \beta_1 + 11 \alpha_6 \beta_1 - 10 \alpha_1 \beta_3 + 11 \alpha_1 \beta_6 = 0 \&\&
                                                                                                                             \alpha_3 \beta_1 + \alpha_1 \beta_3 = 0 \& -10 \alpha_2 \beta_1 - 10 \alpha_1 \beta_2 + 11 \alpha_4 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_4 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_2 + 11 \alpha_2 \beta_3 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_2 + 11 \alpha_2 \beta_2 + 11 \alpha_2 \beta_3 = 0 \& -10 \alpha_1 \beta_2 + 11 \alpha_2 \beta_2 + 11 \alpha_2
                                                                                                                             -10 \alpha_2 \beta_1 + 11 \alpha_5 \beta_1 - 10 \alpha_1 \beta_2 + 11 \alpha_1 \beta_5 = 0 \& \alpha_2 \beta_1 + \alpha_1 \beta_2 = 0 \& \alpha_2 \beta_1 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_2 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_1 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_1 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_1 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_2 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_1 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_2 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_1 + \alpha_2 \beta_2 = 0 \& \alpha_2 \beta_2 + \alpha_2 \beta_2 +
                                                                                                                             -20 \alpha_1 \beta_1 + 11 \alpha_4 \beta_1 + 11 \alpha_1 \beta_4 = 0 \& \alpha_3 = 0 \& \alpha_9 = 0 \& \alpha_1 = 0 \& \alpha_2 = 0 \& \alpha_7 = 0 \& \alpha_7 = 0 \otimes \alpha_8 = 0
large output
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     show less
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               show more
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```

6 | Repressilators QE cdf.cdf



FindInstance[%26, $\{\alpha, \beta\}$]

FindInstance: The methods available to FindInstance are insufficient to find the requested instances or prove they do not exist.

