

Table # initial

pots:

pot #0:

new:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	k_1	1	1	0	0	0	0	0	0	1	0	0
x_9	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	l	1	1	1	1	0	0	0	0	0	0	1
Ψ	0	-1	-1	-1	-1	0	0	0	0	0	0	0

Table #0

Moving out basis: x_4 from line: 0

Moving to basis: x_0

pots:

pot #0:

new:

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_9	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	$l - q_{11}$	0	1	1	1	-1	0	0	0	0	0	1
Ψ	q_{11}	0	-1	-1	-1	1	0	0	0	0	0	0

Table #0.1

Moving out basis: x_5 from line: 1

Moving to basis: x_1

pots:

pot #0:

new:

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

all:

$$\text{symbol } k_2 : (0, \infty)$$

$$\text{symbol } k_1 : (0, \infty)$$

$$\text{symbol } q_{11} : (0, \infty)$$

$$\text{symbol } q_{12} : (0, \infty)$$

$$\text{symbol } l : (0, \infty)$$

$$\text{symbol } q_{22} : (0, \infty)$$

$$\text{symbol } q_{21} : (0, \infty)$$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_1	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	1	0	0
x_9	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	$l - q_{11} - q_{12}$	0	0	1	1	-1	-1	0	0	0	0	1
Ψ	$q_{11} + q_{12}$	0	0	-1	-1	1	1	0	0	0	0	0

Table #0.1.2

Moving out basis: x_6 from line: 2

Moving to basis: x_2

pots:

pot #0:

new:

$$k_2 - q_{21} \geq 0$$

$$l - q_{11} - q_{12} - q_{21} \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$l - q_{11} - q_{12} - q_{21} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_1	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	1	0	0
x_9	$k_2 - q_{21}$	0	0	0	1	0	0	-1	0	0	1	0
x_{10}	$l - q_{11} - q_{12} - q_{21}$	0	0	0	1	-1	-1	-1	0	0	0	1
Ψ	$q_{11} + q_{12} + q_{21}$	0	0	0	-1	1	1	1	0	0	0	0

Table #0.1.2.3

Moving out basis: x_7 from line: 3

Moving to basis: x_3

pots:

pot #0:

new:

$$k_2 - q_{21} - q_{22} \geq 0$$

$$l - q_{11} - q_{12} - q_{21} - q_{22} \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$l - q_{11} - q_{12} - q_{21} \geq 0$$

$$k_2 - q_{21} - q_{22} \geq 0$$

$$l - q_{11} - q_{12} - q_{21} - q_{22} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_1	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_3	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	1	0	0
x_9	$k_2 - q_{21} - q_{22}$	0	0	0	0	0	0	-1	-1	0	1	0
x_{10}	$l - q_{11} - q_{12} - q_{21} - q_{22}$	0	0	0	0	-1	-1	-1	-1	0	0	1
Ψ	$q_{11} + q_{12} + q_{21} + q_{22}$	0	0	0	0	1	1	1	1	0	0	0

Solution:

$$x_0 = q_{11}$$

$$x_1 = q_{12}$$

$$x_2 = q_{21}$$

$$x_3 = q_{22}$$

$$x_4 = 0$$

$$x_5 = 0$$

$$x_6 = 0$$

$$x_7 = 0$$

$$x_8 = k_1 - q_{11} - q_{12}$$

$$x_9 = k_2 - q_{21} - q_{22}$$

$$x_{10} = l - q_{11} - q_{12} - q_{21} - q_{22}$$

$$\Psi = q_{11} + q_{12} + q_{21} + q_{22}$$

Table #0.1.2.5

Moving out basis: x_9 from line: 5

Moving to basis: x_3

pots:

pot #0:

new:

$$-k_2 + q_{21} + q_{22} \geq 0$$

$$-k_2 + l - q_{11} - q_{12} \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$l - q_{11} - q_{12} - q_{21} \geq 0$$

$$-k_2 + q_{21} + q_{22} \geq 0$$

$$-k_2 + l - q_{11} - q_{12} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_1	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	$-k_2 + q_{21} + q_{22}$	0	0	0	0	0	0	1	1	0	-1	0
x_8	$k_1 - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	1	0	0
x_3	$k_2 - q_{21}$	0	0	0	1	0	0	-1	0	0	1	0
x_{10}	$-k_2 + l - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	0	-1	1
Ψ	$k_2 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	0	1	0

Solution:

$$x_0 = q_{11}$$

$$x_1 = q_{12}$$

$$x_2 = q_{21}$$

$$x_3 = k_2 - q_{21}$$

$$x_4 = 0$$

$$x_5 = 0$$

$$x_6 = 0$$

$$x_7 = -k_2 + q_{21} + q_{22}$$

$$x_8 = k_1 - q_{11} - q_{12}$$

$$x_9 = 0$$

$$x_{10} = -k_2 + l - q_{11} - q_{12}$$

$$\Psi = k_2 + q_{11} + q_{12}$$

Table #0.1.2.6

Moving out basis: x_{10} from line: 6

Moving to basis: x_3

pots:

pot #0:

new:

$$-l + q_{11} + q_{12} + q_{21} + q_{22} \geq 0$$

$$k_2 - l + q_{11} + q_{12} \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$l - q_{11} - q_{12} - q_{21} \geq 0$$

$$-l + q_{11} + q_{12} + q_{21} + q_{22} \geq 0$$

$$k_2 - l + q_{11} + q_{12} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_1	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	$-l + q_{11} + q_{12} + q_{21} + q_{22}$	0	0	0	0	1	1	1	1	0	0	-1
x_8	$k_1 - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	1	0	0
x_9	$k_2 - l + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	0	1	-1
x_3	$l - q_{11} - q_{12} - q_{21}$	0	0	0	1	-1	-1	-1	0	0	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = q_{11}$$

$$x_1 = q_{12}$$

$$x_2 = q_{21}$$

$$x_3 = l - q_{11} - q_{12} - q_{21}$$

$$x_4 = 0$$

$$x_5 = 0$$

$$x_6 = 0$$

$$x_7 = -l + q_{11} + q_{12} + q_{21} + q_{22}$$

$$x_8 = k_1 - q_{11} - q_{12}$$

$$x_9 = k_2 - l + q_{11} + q_{12}$$

$$x_{10} = 0$$

$$\Psi = l$$

Table #0.1.5

Moving out basis: x_9 from line: 5

Moving to basis: x_2

pots:

pot #0:

new:

$$-k_2 + q_{21} \geq 0$$

$$-k_2 + l - q_{11} - q_{12} \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

$$-k_2 + q_{21} \geq 0$$

$$-k_2 + l - q_{11} - q_{12} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_1	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	$-k_2 + q_{21}$	0	0	0	-1	0	0	1	0	0	-1	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	1	0	0
x_2	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	$-k_2 + l - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	0	-1	1
Ψ	$k_2 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	0	1	0

Solution:

$$x_0 = q_{11}$$

$$x_1 = q_{12}$$

$$x_2 = k_2$$

$$x_3 = 0$$

$$x_4 = 0$$

$$x_5 = 0$$

$$x_6 = -k_2 + q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = k_1 - q_{11} - q_{12}$$

$$x_9 = 0$$

$$x_{10} = -k_2 + l - q_{11} - q_{12}$$

$$\Psi = k_2 + q_{11} + q_{12}$$

Table #0.1.6

Moving out basis: x_{10} from line: 6

Moving to basis: x_2

pots:

pot #0:

new:

$$-l + q_{11} + q_{12} + q_{21} \geq 0$$

$$k_2 - l + q_{11} + q_{12} \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$k_1 - q_{11} - q_{12} \geq 0$$

$$l - q_{11} - q_{12} \geq 0$$

$$-l + q_{11} + q_{12} + q_{21} \geq 0$$

$$k_2 - l + q_{11} + q_{12} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_1	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	$-l + q_{11} + q_{12} + q_{21}$	0	0	0	-1	1	1	1	0	0	0	-1
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - q_{11} - q_{12}$	0	0	0	0	-1	-1	0	0	1	0	0
x_9	$k_2 - l + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	0	1	-1
x_2	$l - q_{11} - q_{12}$	0	0	1	1	-1	-1	0	0	0	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = q_{11}$$

$$x_1 = q_{12}$$

$$x_2 = l - q_{11} - q_{12}$$

$$x_3 = 0$$

$$x_4 = 0$$

$$x_5 = 0$$

$$x_6 = -l + q_{11} + q_{12} + q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = k_1 - q_{11} - q_{12}$$

$$x_9 = k_2 - l + q_{11} + q_{12}$$

$$x_{10} = 0$$

$$\Psi = l$$

Table #0.4

Moving out basis: x_8 from line: 4

Moving to basis: x_1

pots:

pot #0:

new:

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-k_1 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	-1	0	0
x_6	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_1	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_9	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	$-k_1 + l$	0	0	1	1	0	0	0	0	-1	0	1
Ψ	k_1	0	0	-1	-1	0	0	0	0	1	0	0

Table #0.4.2

Moving out basis: x_6 from line: 2

Moving to basis: x_2

pots:

pot #0:

new:

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-k_1 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	-1	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_1	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_9	$k_2 - q_{21}$	0	0	0	1	0	0	-1	0	0	1	0
x_{10}	$-k_1 + l - q_{21}$	0	0	0	1	0	0	-1	0	-1	0	1
Ψ	$k_1 + q_{21}$	0	0	0	-1	0	0	1	0	1	0	0

Table #0.4.2.3

Moving out basis: x_7 from line: 3

Moving to basis: x_3

pots:

pot #0:

new:

$$k_2 - q_{21} - q_{22} \geq 0$$

$$-k_1 + l - q_{21} - q_{22} \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

$$k_2 - q_{21} - q_{22} \geq 0$$

$$-k_1 + l - q_{21} - q_{22} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-k_1 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	-1	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_3	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_1	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_9	$k_2 - q_{21} - q_{22}$	0	0	0	0	0	0	-1	-1	0	1	0
x_{10}	$-k_1 + l - q_{21} - q_{22}$	0	0	0	0	0	0	-1	-1	-1	0	1
Ψ	$k_1 + q_{21} + q_{22}$	0	0	0	0	0	0	1	1	1	0	0

Solution:

$$x_0 = q_{11}$$

$$x_1 = k_1 - q_{11}$$

$$x_2 = q_{21}$$

$$x_3 = q_{22}$$

$$x_4 = 0$$

$$x_5 = -k_1 + q_{11} + q_{12}$$

$$x_6 = 0$$

$$x_7 = 0$$

$$x_8 = 0$$

$$x_9 = k_2 - q_{21} - q_{22}$$

$$x_{10} = -k_1 + l - q_{21} - q_{22}$$

$$\Psi = k_1 + q_{21} + q_{22}$$

Table #0.4.2.5

Moving out basis: x_9 from line: 5

Moving to basis: x_3

pots:

pot #0:

new:

$$-k_2 + q_{21} + q_{22} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

$$-k_2 + q_{21} + q_{22} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-k_1 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	-1	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	$-k_2 + q_{21} + q_{22}$	0	0	0	0	0	0	1	1	0	-1	0
x_1	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_3	$k_2 - q_{21}$	0	0	0	1	0	0	-1	0	0	1	0
x_{10}	$-k_1 - k_2 + l$	0	0	0	0	0	0	0	0	-1	-1	1
Ψ	$k_1 + k_2$	0	0	0	0	0	0	0	0	1	1	0

Solution:

$$x_0 = q_{11}$$

$$x_1 = k_1 - q_{11}$$

$$x_2 = q_{21}$$

$$x_3 = k_2 - q_{21}$$

$$x_4 = 0$$

$$x_5 = -k_1 + q_{11} + q_{12}$$

$$x_6 = 0$$

$$x_7 = -k_2 + q_{21} + q_{22}$$

$$x_8 = 0$$

$$x_9 = 0$$

$$x_{10} = -k_1 - k_2 + l$$

$$\Psi = k_1 + k_2$$

Table #0.4.2.6

Moving out basis: x_{10} from line: 6

Moving to basis: x_3

pots:

pot #0:

new:

$$k_1 - l + q_{21} + q_{22} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

$$k_1 - l + q_{21} + q_{22} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-k_1 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	-1	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	$k_1 - l + q_{21} + q_{22}$	0	0	0	0	0	0	1	1	1	0	-1
x_1	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_9	$k_1 + k_2 - l$	0	0	0	0	0	0	0	0	1	1	-1
x_3	$-k_1 + l - q_{21}$	0	0	0	1	0	0	-1	0	-1	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = q_{11}$$

$$x_1 = k_1 - q_{11}$$

$$x_2 = q_{21}$$

$$x_3 = -k_1 + l - q_{21}$$

$$x_4 = 0$$

$$x_5 = -k_1 + q_{11} + q_{12}$$

$$x_6 = 0$$

$$x_7 = k_1 - l + q_{21} + q_{22}$$

$$x_8 = 0$$

$$x_9 = k_1 + k_2 - l$$

$$x_{10} = 0$$

$$\Psi = l$$

Table #0.4.5

Moving out basis: x_9 from line: 5

Moving to basis: x_2

pots:

pot #0:

new:

$$-k_2 + q_{21} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

$$-k_2 + q_{21} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-k_1 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	-1	0	0
x_6	$-k_2 + q_{21}$	0	0	0	-1	0	0	1	0	0	-1	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_1	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_2	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	$-k_1 - k_2 + l$	0	0	0	0	0	0	0	0	-1	-1	1
Ψ	$k_1 + k_2$	0	0	0	0	0	0	0	0	1	1	0

Solution:

$$x_0 = q_{11}$$

$$x_1 = k_1 - q_{11}$$

$$x_2 = k_2$$

$$x_3 = 0$$

$$x_4 = 0$$

$$x_5 = -k_1 + q_{11} + q_{12}$$

$$x_6 = -k_2 + q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = 0$$

$$x_9 = 0$$

$$x_{10} = -k_1 - k_2 + l$$

$$\Psi = k_1 + k_2$$

Table #0.4.6

Moving out basis: x_{10} from line: 6

Moving to basis: x_2

pots:

pot #0:

new:

$$k_1 - l + q_{21} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-k_1 + q_{11} + q_{12} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_1 - l + q_{21} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-k_1 + q_{11} + q_{12}$	0	0	0	0	1	1	0	0	-1	0	0
x_6	$k_1 - l + q_{21}$	0	0	0	-1	0	0	1	0	1	0	-1
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_1	$k_1 - q_{11}$	0	1	0	0	-1	0	0	0	1	0	0
x_9	$k_1 + k_2 - l$	0	0	0	0	0	0	0	0	1	1	-1
x_2	$-k_1 + l$	0	0	1	1	0	0	0	0	-1	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = q_{11}$$

$$x_1 = k_1 - q_{11}$$

$$x_2 = -k_1 + l$$

$$x_3 = 0$$

$$x_4 = 0$$

$$x_5 = -k_1 + q_{11} + q_{12}$$

$$x_6 = k_1 - l + q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = 0$$

$$x_9 = k_1 + k_2 - l$$

$$x_{10} = 0$$

$$\Psi = l$$

Table #0.6

Moving out basis: x_{10} from line: 6

Moving to basis: x_1

pots:

pot #0:

new:

$$-l + q_{11} + q_{12} \geq 0$$

$$k_1 - l \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$k_1 - q_{11} \geq 0$$

$$l - q_{11} \geq 0$$

$$-l + q_{11} + q_{12} \geq 0$$

$$k_1 - l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_0	q_{11}	1	0	0	0	1	0	0	0	0	0	0
x_5	$-l + q_{11} + q_{12}$	0	0	-1	-1	1	1	0	0	0	0	-1
x_6	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - l$	0	0	-1	-1	0	0	0	0	1	0	-1
x_9	k_2	0	0	1	1	0	0	0	0	0	1	0
x_1	$l - q_{11}$	0	1	1	1	-1	0	0	0	0	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = q_{11}$$

$$x_1 = l - q_{11}$$

$$x_2 = 0$$

$$x_3 = 0$$

$$x_4 = 0$$

$$x_5 = -l + q_{11} + q_{12}$$

$$x_6 = q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = k_1 - l$$

$$x_9 = k_2$$

$$x_{10} = 0$$

$$\Psi = l$$

Table #4

Moving out basis: x_8 from line: 4

Moving to basis: x_0

pots:

pot #0:

new:

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-k_1 + q_{11}$	0	-1	0	0	1	0	0	0	-1	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_0	k_1	1	1	0	0	0	0	0	0	1	0	0
x_9	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	$-k_1 + l$	0	0	1	1	0	0	0	0	-1	0	1
Ψ	k_1	0	0	-1	-1	0	0	0	0	1	0	0

Table #4.2

Moving out basis: x_6 from line: 2

Moving to basis: x_2

pots:

pot #0:

new:

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-k_1 + q_{11}$	0	-1	0	0	1	0	0	0	-1	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_0	k_1	1	1	0	0	0	0	0	0	1	0	0
x_9	$k_2 - q_{21}$	0	0	0	1	0	0	-1	0	0	1	0
x_{10}	$-k_1 + l - q_{21}$	0	0	0	1	0	0	-1	0	-1	0	1
Ψ	$k_1 + q_{21}$	0	0	0	-1	0	0	1	0	1	0	0

Table #4.2.3

Moving out basis: x_7 from line: 3

Moving to basis: x_3

pots:

pot #0:

new:

$$k_2 - q_{21} - q_{22} \geq 0$$

$$-k_1 + l - q_{21} - q_{22} \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

$$k_2 - q_{21} - q_{22} \geq 0$$

$$-k_1 + l - q_{21} - q_{22} \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-k_1 + q_{11}$	0	-1	0	0	1	0	0	0	-1	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_3	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_0	k_1	1	1	0	0	0	0	0	0	1	0	0
x_9	$k_2 - q_{21} - q_{22}$	0	0	0	0	0	0	-1	-1	0	1	0
x_{10}	$-k_1 + l - q_{21} - q_{22}$	0	0	0	0	0	0	-1	-1	-1	0	1
Ψ	$k_1 + q_{21} + q_{22}$	0	0	0	0	0	0	1	1	1	0	0

Solution:

$$x_0 = k_1$$

$$x_1 = 0$$

$$x_2 = q_{21}$$

$$x_3 = q_{22}$$

$$x_4 = -k_1 + q_{11}$$

$$x_5 = q_{12}$$

$$x_6 = 0$$

$$x_7 = 0$$

$$x_8 = 0$$

$$x_9 = k_2 - q_{21} - q_{22}$$

$$x_{10} = -k_1 + l - q_{21} - q_{22}$$

$$\Psi = k_1 + q_{21} + q_{22}$$

Table #4.2.5

Moving out basis: x_9 from line: 5

Moving to basis: x_3

pots:

pot #0:

new:

$$-k_2 + q_{21} + q_{22} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

all:

$$\text{symbol } q_{21} : (0, \infty)$$

$$\text{symbol } q_{22} : (0, \infty)$$

$$\text{symbol } q_{11} : (0, \infty)$$

$$\text{symbol } q_{12} : (0, \infty)$$

$$\text{symbol } l : (0, \infty)$$

$$\text{symbol } k_1 : (0, \infty)$$

$$\text{symbol } k_2 : (0, \infty)$$

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

$$-k_2 + q_{21} + q_{22} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-k_1 + q_{11}$	0	-1	0	0	1	0	0	0	-1	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	$-k_2 + q_{21} + q_{22}$	0	0	0	0	0	0	1	1	0	-1	0
x_0	k_1	1	1	0	0	0	0	0	0	1	0	0
x_3	$k_2 - q_{21}$	0	0	0	1	0	0	-1	0	0	1	0
x_{10}	$-k_1 - k_2 + l$	0	0	0	0	0	0	0	0	-1	-1	1
Ψ	$k_1 + k_2$	0	0	0	0	0	0	0	0	1	1	0

Solution:

$$x_0 = k_1$$

$$x_1 = 0$$

$$x_2 = q_{21}$$

$$x_3 = k_2 - q_{21}$$

$$x_4 = -k_1 + q_{11}$$

$$x_5 = q_{12}$$

$$x_6 = 0$$

$$x_7 = -k_2 + q_{21} + q_{22}$$

$$x_8 = 0$$

$$x_9 = 0$$

$$x_{10} = -k_1 - k_2 + l$$

$$\Psi = k_1 + k_2$$

Table #4.2.6

Moving out basis: x_{10} from line: 6

Moving to basis: x_3

pots:

pot #0:

new:

$$k_1 - l + q_{21} + q_{22} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_2 - q_{21} \geq 0$$

$$-k_1 + l - q_{21} \geq 0$$

$$k_1 - l + q_{21} + q_{22} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-k_1 + q_{11}$	0	-1	0	0	1	0	0	0	-1	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_2	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	$k_1 - l + q_{21} + q_{22}$	0	0	0	0	0	0	1	1	1	0	-1
x_0	k_1	1	1	0	0	0	0	0	0	1	0	0
x_9	$k_1 + k_2 - l$	0	0	0	0	0	0	0	0	1	1	-1
x_3	$-k_1 + l - q_{21}$	0	0	0	1	0	0	-1	0	-1	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = k_1$$

$$x_1 = 0$$

$$x_2 = q_{21}$$

$$x_3 = -k_1 + l - q_{21}$$

$$x_4 = -k_1 + q_{11}$$

$$x_5 = q_{12}$$

$$x_6 = 0$$

$$x_7 = k_1 - l + q_{21} + q_{22}$$

$$x_8 = 0$$

$$x_9 = k_1 + k_2 - l$$

$$x_{10} = 0$$

$$\Psi = l$$

Table #4.5

Moving out basis: x_9 from line: 5

Moving to basis: x_2

pots:

pot #0:

new:

$$-k_2 + q_{21} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

$$-k_2 + q_{21} \geq 0$$

$$-k_1 - k_2 + l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-k_1 + q_{11}$	0	-1	0	0	1	0	0	0	-1	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	$-k_2 + q_{21}$	0	0	0	-1	0	0	1	0	0	-1	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_0	k_1	1	1	0	0	0	0	0	0	1	0	0
x_2	k_2	0	0	1	1	0	0	0	0	0	1	0
x_{10}	$-k_1 - k_2 + l$	0	0	0	0	0	0	0	0	-1	-1	1
Ψ	$k_1 + k_2$	0	0	0	0	0	0	0	0	1	1	0

Solution:

$$x_0 = k_1$$

$$x_1 = 0$$

$$x_2 = k_2$$

$$x_3 = 0$$

$$x_4 = -k_1 + q_{11}$$

$$x_5 = q_{12}$$

$$x_6 = -k_2 + q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = 0$$

$$x_9 = 0$$

$$x_{10} = -k_1 - k_2 + l$$

$$\Psi = k_1 + k_2$$

Table #4.6

Moving out basis: x_{10} from line: 6

Moving to basis: x_2

pots:

pot #0:

new:

$$k_1 - l + q_{21} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

all:

symbol $k_2 : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{21} : (0, \infty)$

$$-k_1 + q_{11} \geq 0$$

$$-k_1 + l \geq 0$$

$$k_1 - l + q_{21} \geq 0$$

$$k_1 + k_2 - l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-k_1 + q_{11}$	0	-1	0	0	1	0	0	0	-1	0	0
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	$k_1 - l + q_{21}$	0	0	0	-1	0	0	1	0	1	0	-1
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_0	k_1	1	1	0	0	0	0	0	0	1	0	0
x_9	$k_1 + k_2 - l$	0	0	0	0	0	0	0	0	1	1	-1
x_2	$-k_1 + l$	0	0	1	1	0	0	0	0	-1	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = k_1$$

$$x_1 = 0$$

$$x_2 = -k_1 + l$$

$$x_3 = 0$$

$$x_4 = -k_1 + q_{11}$$

$$x_5 = q_{12}$$

$$x_6 = k_1 - l + q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = 0$$

$$x_9 = k_1 + k_2 - l$$

$$x_{10} = 0$$

$$\Psi = l$$

Table #6

Moving out basis: x_{10} from line: 6

Moving to basis: x_0

pots:

pot #0:

new:

$$-l + q_{11} \geq 0$$

$$k_1 - l \geq 0$$

all:

symbol $q_{21} : (0, \infty)$

symbol $q_{22} : (0, \infty)$

symbol $q_{11} : (0, \infty)$

symbol $q_{12} : (0, \infty)$

symbol $l : (0, \infty)$

symbol $k_1 : (0, \infty)$

symbol $k_2 : (0, \infty)$

$$-l + q_{11} \geq 0$$

$$k_1 - l \geq 0$$

		x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}
x_4	$-l + q_{11}$	0	-1	-1	-1	1	0	0	0	0	0	-1
x_5	q_{12}	0	1	0	0	0	1	0	0	0	0	0
x_6	q_{21}	0	0	1	0	0	0	1	0	0	0	0
x_7	q_{22}	0	0	0	1	0	0	0	1	0	0	0
x_8	$k_1 - l$	0	0	-1	-1	0	0	0	0	1	0	-1
x_9	k_2	0	0	1	1	0	0	0	0	0	1	0
x_0	l	1	1	1	1	0	0	0	0	0	0	1
Ψ	l	0	0	0	0	0	0	0	0	0	0	1

Solution:

$$x_0 = l$$

$$x_1 = 0$$

$$x_2 = 0$$

$$x_3 = 0$$

$$x_4 = -l + q_{11}$$

$$x_5 = q_{12}$$

$$x_6 = q_{21}$$

$$x_7 = q_{22}$$

$$x_8 = k_1 - l$$

$$x_9 = k_2$$

$$x_{10} = 0$$

$$\Psi = l$$