Table # initial

pots:
pot #0:
new:
symbol b : $(0, \infty)$
all:
symbol b : $(0, \infty)$

		x_0	x_1	x_2	x_3	x_4	x_5
x_3	b	1	a	3	1	0	0
x_4	2	4	5	6	0	1	0
x_5	3	7	8	9	0	0	1
Ψ	0	-1	-1	-1	0	0	0

Table #0
Moving out basis: x_3 from line: 0
Moving to basis: x_0

pots:
pot #0:
new:
symbol b : $(0, 3/7)$
all:
symbol b : $(0, 3/7)$

		x_0	x_1	x_2	x_3	x_4	x_5
x_0	b	1	a	3	1	0	0
x_4	$-4b+2$	0	$-4a+5$	-6	-4	1	0
x_5	$-7b+3$	0	$-7a+8$	-12	-7	0	1
Ψ	b	0	$a-1$	2	1	0	0

Table #0.0
Moving out basis: x_0 from line: 0
Moving to basis: x_1

pots:
pot #0:
new:
symbol a : $(0, 1)$
$2a - 5b > 0$
$3a - 8b > 0$
all:
symbol b : $(0, 3/7)$
symbol a : $(0, 1)$
$2a - 5b > 0$
$3a - 8b > 0$

		x_0	x_1	x_2	x_3	x_4	x_5
x_1	$\frac{b}{a}$	$\frac{1}{a}$	1	$\frac{3}{a}$	$\frac{1}{a}$	0	0
x_4	$2 - \frac{5b}{a}$	$4 - \frac{5}{a}$	0	$6 - \frac{15}{a}$	$-\frac{5}{a}$	1	0
x_5	$3 - \frac{8b}{a}$	$7 - \frac{8}{a}$	0	$9 - \frac{24}{a}$	$-\frac{8}{a}$	0	1
Ψ	$\frac{b}{a}$	$\frac{1}{a}(-a + 1)$	0	$\frac{1}{a}(-a + 3)$	$\frac{1}{a}$	0	0

Solution:
$x_0 = 0$
$x_1 = \frac{b}{a}$
$x_2 = 0$
$x_3 = 0$
$x_4 = 2 - \frac{5b}{a}$
$x_5 = 3 - \frac{8b}{a}$
$\Psi = \frac{b}{a}$

Table #0.2
Moving out basis: x_5 from line: 2
Moving to basis: x_1

pots:
pot #0:
new:
symbol a : $(0, 1)$
$-3a + 8b \geqslant 0$
$-2a + 3b + 1 \geqslant 0$
all:
symbol b : $(0, 3/7)$
symbol a : $(0, 1)$
$-3a + 8b \geqslant 0$
$-2a + 3b + 1 \geqslant 0$
pot #1:
new:
symbol a : $(-\infty, 0]$
$-2a + 3b + 1 \geqslant 0$
all:
symbol b : $(0, 3/7)$
symbol a : $(-\infty, 0]$
$-2a + 3b + 1 \geqslant 0$

		x_0	x_1	x_2	x_3	x_4	x_5
x_0	$\frac{3a-8b}{7a-8}$	1	0	$\frac{9a-24}{7a-8}$	$-\frac{8}{7a-8}$	0	$\frac{a}{7a-8}$
x_4	$\frac{2a-3b-1}{7a-8}$	0	0	$\frac{6a-12}{7a-8}$	$-\frac{3}{7a-8}$	1	$\frac{-4a+5}{7a-8}$
x_1	$\frac{7b-3}{7a-8}$	0	1	$\frac{12}{7a-8}$	$\frac{7}{7a-8}$	0	$-\frac{1}{7a-8}$
Ψ	$\frac{3a-b-3}{7a-8}$	0	0	$\frac{2a-4}{7a-8}$	$-\frac{1}{7a-8}$	0	$\frac{a-1}{7a-8}$

Solution:
$x_0 = \frac{3a-8b}{7a-8}$
$x_1 = \frac{7b-3}{7a-8}$
$x_2 = 0$
$x_3 = 0$
$x_4 = \frac{2a-3b-1}{7a-8}$
$x_5 = 0$
$\Psi = \frac{3a-b-3}{7a-8}$

Table #0.-1

pots:
pot #0:
new:
symbol a : $[1, \infty)$
all:
symbol b : $(0, 3/7)$
symbol a : $[1, \infty)$

		x_0	x_1	x_2	x_3	x_4	x_5
x_0	b	1	a	3	1	0	0
x_4	$-4b+2$	0	$-4a+5$	-6	-4	1	0
x_5	$-7b+3$	0	$-7a+8$	-12	-7	0	1
Ψ	b	0	$a-1$	2	1	0	0

Solution:
$x_0 = b$
$x_1 = 0$
$x_2 = 0$
$x_3 = 0$
$x_4 = -4b + 2$
$x_5 = -7b + 3$
$\Psi = b$

Table #2
Moving out basis: x_5 from line: 2
Moving to basis: x_0

pots:
pot #0:
new:
symbol b : $[3/7, \infty)$
all:
symbol b : $[3/7, \infty)$

		x_0	x_1	x_2	x_3	x_4	x_5
x_3	$b - \frac{3}{7}$	0	$a - \frac{8}{7}$	$\frac{12}{7}$	1	0	$-\frac{1}{7}$
x_4	$\frac{2}{7}$	0	$\frac{3}{7}$	$\frac{6}{7}$	0	1	$-\frac{4}{7}$
x_0	$\frac{3}{7}$	1	$\frac{8}{7}$	$\frac{9}{7}$	0	0	$\frac{1}{7}$
Ψ	$\frac{3}{7}$	0	$\frac{1}{7}$	$\frac{2}{7}$	0	0	$\frac{1}{7}$

Solution:
$x_0 = \frac{3}{7}$
$x_1 = 0$
$x_2 = 0$
$x_3 = b - \frac{3}{7}$
$x_4 = \frac{2}{7}$
$x_5 = 0$
$\Psi = \frac{3}{7}$