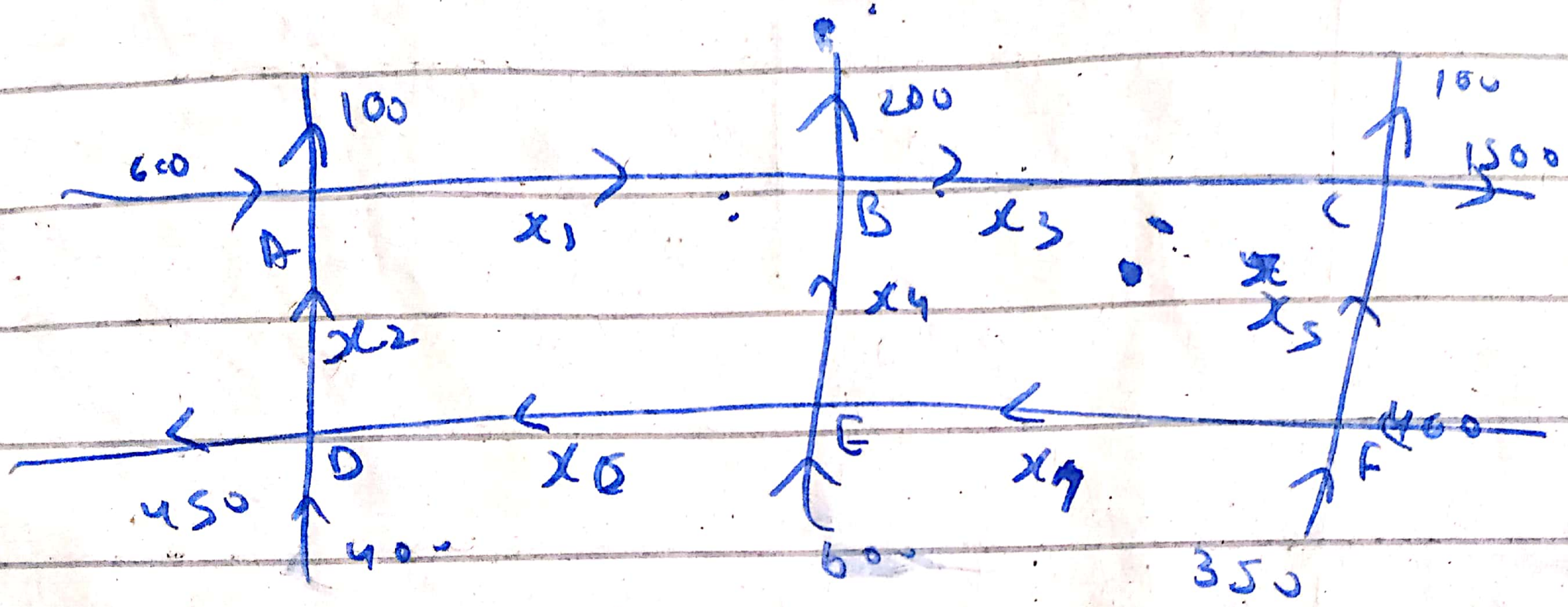
0 0 1	3[illegible],000

Here the Syst[illegible] [illegible] infinit many soln.



A	$600 + x_2$	$100 + x_1$	$x_1 - x_2 = 500$
B	$x_1 + x_4$	$200 + x_3$	$x_1 - x_3 + x_4 = 200$
C	$x_3 + x_5$	1600	$x_3 + x_5 = 1600$
D	$400 + x_6$	$450 + x_2$	$x_2 - x_6 = -50$
E	$x_7 + 600$	$x_6 + x_7$	$x_6 - x_7 = 600$
F	750	$x_7 + x_5$	$x_7 + x_5 = 750$

1	-1	0	0	0	0	0	500
1	0	-1	1	0	0	0	200
0	1	0	0	0	-1	0	-50
0	0	1	0	1	0	0	1600
0	0	0	0	1	0	1	750
0	0	0	0	0	1	-1	600

$R_2 - R_1$ $x_5 = 750$

② $\because$ eq (iv) $x_6 = x_2 + 50$ $x_3 + x_5 = 1600$

If $x_2 = 0$ then $x_3 = 1600 - 750$

$x_3 = 850$

$\therefore x_6 = 50$

$50 = x_2 + 50$

$-x_2 = 0$

If $x_2 = 0$

We can say $\rightarrow 50$

$x_3 - x_4 - x_6 = 250$

$x_3 = 850 + 100 = 950$

1	-1	0	0	0	0	0	500
0	1	-1	1	0	0	0	-300
0	0	1	-1	0	-1	0	250
0	0	0	1	1	-1	0	1450
0	0	0	0	1	0	1	750
0	0	0	0	0	1	-1	600

$x_6 = 600$

$x_5 = 750$

If $x_7 = 0$ then $x_3 = ?$ $x_4 = 100$

$x_4 + x_5 + x_7 = 1450 + 750 - 600$