

0	1	2	2	1	3	-1	0	-4	...
---	---	---	---	---	---	----	---	----	-----

 x_1
 x_2
 x_3
 $y_1 = x_3$
 $y_2 = x_1 + x_3$
 $y_3 = x_3 - x_2$
 $z_1 = y_3$
 $z_2 = y_1 + y_3$
 $z_3 = y_3 - y_2$
 $t_1 = z_3$
 $t_2 = z_1 + z_3$
 $t_3 = z_3 - z_2$
 \dots