

שלב	q_n	r_n	s_n	t_n
$n = 1$	$q_1 = \lfloor \frac{r_0}{r_1} \rfloor$	$r_2 = r_0 - q_1 r_1$	$s_2 = s_0 - q_1 s_1$	$t_2 = t_0 - q_1 t_1$
$n = 2$	$q_2 = \lfloor \frac{r_1}{r_2} \rfloor$	$r_3 = r_1 - q_2 r_2$	$s_3 = s_1 - q_2 s_2$	$t_3 = t_1 - q_2 t_2$
\vdots				
$n - 1$	$q_{n-1} = \lfloor \frac{r_{n-2}}{r_{n-1}} \rfloor$	$r_n = r_{n-2} - q_{n-1} r_{n-1}$	$s_n = s_{n-2} - q_{n-1} s_{n-1}$	$t_n = t_{n-2} - q_{n-1} t_{n-1}$
n	$q_n = \lfloor \frac{r_{n-1}}{r_n} \rfloor$	$r_{n+1} = r_{n-1} - q_n r_n$	$s_{n+1} = s_{n-1} - q_n s_n$	$t_{n+1} = t_{n-1} - q_n t_n$