Block2

Threadid,i=   1+2*blockdim   2+2*blockdim   3+2*blockdim $\cdots$ 3*blockdim-1   3*blockdim

Block1

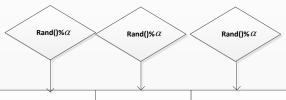Threadid,i=   1+blockdim 2+blockdim 3+blockdim $\cdots$ 2*blockdim-1   2*blockdim

Block0

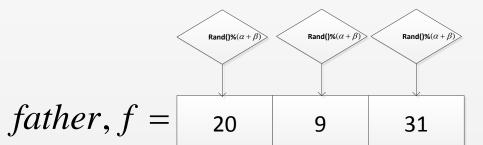Threadid,i=   1   2   3 $\cdots$ blockdim-1   blockdim

$$mother, m =$$

Rand()%α	Rand()%α	Rand()%α		Rand()%α	Rand()%α
2	5	13	$\cdots$	10	8

$$father, f =$$

Rand()%$(\alpha+\beta)$	Rand()%$(\alpha+\beta)$	Rand()%$(\alpha+\beta)$		Rand()%$(\alpha+\beta)$	Rand()%$(\alpha+\beta)$
20	9	31	$\cdots$	45	61