

Parallel Sorting Algorithms

- Odd-Even Transposition Sort

Odd-even transposition sort of eight values on the one-dimensional mesh processor array model.

Indices:	0	1	2	3	4	5	6	7
Initial values:	G	H	F	D	E	C	B	A
After odd-even exchange:	G	F < H	D	< E	B	< C	A	
After even-odd exchange:	F < G	D	< H	B	< E	A	< C	
After odd-even exchange:	F	D	< G	B	< H	A	< E	C
After even-odd exchange:	D	< F	B	< G	A	< H	C	< E
After odd-even exchange:	D	B	< F	A	< G	C	< H	E
After even-odd exchange:	B	< D	A	< F	C	< G	E	< H
After odd-even exchange:	B	A	< D	C	< F	E	< G	H
After even-odd exchange:	A	< B	C	< D	E	< F	G	< H