

n				<i>Random Exchanges</i>
0	$p(\mathbf{x}_0 \underbrace{\{z_{1,0}, z_{2,0}\}}_{Z_{1,0}})$	$p(\mathbf{x}_0 \underbrace{\{z_{1,0}, z_{2,0}, z_{3,0}\}}_{Z_{2,0}})$	$p(\mathbf{x}_0 \underbrace{\{z_{2,0}, z_{3,0}\}}_{Z_{3,0}})$	—
1	$p(\mathbf{x}_1 \underbrace{Z_{1,1} \cup Z_{2,0}}_{Z_{1,0:1}})$	$p(\mathbf{x}_1 \underbrace{Z_{2,1} \cup Z_{3,0}}_{Z_{2,0:1}})$	$p(\mathbf{x}_1 \underbrace{Z_{3,1} \cup Z_{1,0}}_{Z_{3,0:1}})$	$S_1 \leftrightarrow S_2$ $S_2 \leftrightarrow S_3$
2	$p(\mathbf{x}_2 \underbrace{Z_{1,2} \cup Z_{3,0:1}}_{Z_{1,0:2}})$	$p(\mathbf{x}_2 \underbrace{Z_{2,2} \cup Z_{1,0:1}}_{Z_{2,0:2}})$	$p(\mathbf{x}_2 \underbrace{Z_{3,2} \cup Z_{2,0:1}}_{Z_{3,0:2}})$	$S_2 \leftrightarrow S_3$ $S_1 \leftrightarrow S_2$
3	$p(\mathbf{x}_3 \underbrace{Z_{1,3} \cup Z_{2,0:2}}_{Z_{1,0:3}})$	$p(\mathbf{x}_3 \underbrace{Z_{2,3} \cup Z_{3,0:2}}_{Z_{2,0:3}})$	$p(\mathbf{x}_3 \underbrace{Z_{3,3} \cup Z_{1,0:2}}_{Z_{3,0:3}})$	$S_1 \leftrightarrow S_2$ $S_2 \leftrightarrow S_3$