

outdegree	$(i \rightarrow \forall j)$	send	$(i \rightarrow j)$	2-send	$\sum_h (i \rightarrow h \rightarrow j)$	sibling	$\sum_h (h \rightleftarrows j)$
indegree	$(i \leftarrow \forall j)$	receive	$(i \leftarrow j)$	2-receive	$\sum_h (i \leftarrow h \leftarrow j)$	cosibling	$\sum_h (h \leftarrow j)$