

	<i>no relabeling</i> (α)	<i>permutation</i> (β)	<i>free relabeling</i> (γ)
worst case — lower bounds			
<i>port assignment free</i> (IB)	\rightarrow	$\Omega(n^2 \log n)$	$n^2/32$ [Thm ??]
<i>neighbours known</i> (II)	$(n^2/9) \log n$ [Thm ??]	$\Omega(n^2)$	$\Omega(n^{7/6})$
average case — upper bounds			
<i>port assignment fixed</i> (IA)	$(n^2/2) \log n$ [Thm ??]	\leftarrow	\leftarrow
<i>port assignment free</i> (IB)	$3n^2$ [Thm ??]	\leftarrow	\leftarrow
<i>neighbours known</i> (II)	$3n^2$ [Thm ??]	\leftarrow	$6n \log^2 n$ [Thm ??]
average case — lower bounds			
<i>port assignment fixed</i> (IA)	$(n^2/2) \log n$ [Thm ??]	\rightarrow	$n^2/32$ [Thm ??]
<i>port assignment free</i> (IB)	$n^2/2$ [Thm ??]	\rightarrow	$n^2/32$ [Thm ??]
<i>neighbours known</i> (II)	$n^2/2$ [Thm ??]	$?$	$?$