

p_g	runtime
0.01	$n^{1.10} \log^2 n$
0.02	$n^{1.19} \log^2 n$
0.05	$n^{1.47} \log^2 n$
0.075	$n^{1.67} \log^2 n$
0.10	$n^{1.85} \log^2 n$