		Beam example
True output	$J(\mu^*)$	51.5594
Reduced output	$J_N(\mu_N^*)$	51.5591
True output at $\mu_N^*$	$J(\mu_N^*)$	51.5592
Abs. error in optimal solution	$\ \mu_N^* - \mu^*\ $	0.0129
Abs. error in output	$ J_N(\mu_N^*) - J(\mu^*) $	$2.2605 \cdot 10^{-4}$
Suboptimality	$rac{J(\mu_N^*)\!-\!J(\mu^*)}{J(\mu^*)}$	$3.3261 \cdot 10^{-6}$