

Table 1: Printout for SDDS file ILMatrix.sdds

Quantity	Value
$\nu_x$	33.2
$\partial_\delta \nu_x$	2.12
$\partial_\delta^2 \nu_x$	-299
$\partial_\delta^3 \nu_x$	$3.46 \times 10^3$
$\nu_y$	16.3
$\partial_\delta \nu_y$	2.1
$\partial_\delta^2 \nu_y$	46.9
$\partial_\delta^3 \nu_y$	-544
$\beta_{x,0}$	20.5
$\partial_\delta \beta_x$	-92.1
$\beta_{y,0}$	3.37
$\partial_\delta \beta_y$	19.8
$\alpha_{x,0}$	$-4.85 \times 10^{-15}$
$\partial_\delta \alpha_x$	-0.00222
$\alpha_{y,0}$	$5.8 \times 10^{-15}$
$\partial_\delta \alpha_y$	0.0351
$\eta_{x,0}$	-0.000242
$\eta_{x,1}$	2.91
$\eta'_{x,0}$	$-2.07 \times 10^{-16}$
$\eta'_{x,1}$	-0.00167
$\eta_{y,0}$	0
$\eta_{y,1}$	$5.86 \times 10^{-14}$
$\eta'_{y,0}$	0
$\eta'_{y,1}$	$-4.26 \times 10^{-14}$
$\partial_{A_x} \nu_x$	$-2.35 \times 10^3$
$\partial_{A_y} \nu_x$	-496
$\partial_{A_x} \nu_y$	-464
$\partial_{A_y} \nu_y$	$-4.97 \times 10^3$
$\partial_{A_x}^2 \nu_x$	$2.95 \times 10^8$
$\partial_{A_x} \partial_{A_y} \nu_x$	$-4.14 \times 10^7$
$\partial_{A_y}^2 \nu_x$	$-3.21 \times 10^6$
$\partial_{A_x}^2 \nu_y$	$-4.57 \times 10^9$
$\partial_{A_x} \partial_{A_y} \nu_y$	$2.3 \times 10^9$
$\partial_{A_y}^2 \nu_y$	$-2.55 \times 10^7$
$C$	792
$\alpha_c$	0.000363
$\alpha_{c,2}$	-0.000256
$\partial_{A_x} s$	1 -6.44
$\partial_{A_x}^2 s$	$-1.41 \times 10^7$
$\partial_{A_y} s$	-6.51
$\partial_{A_x} \partial_{A_y} s$	$2.02 \times 10^6$
$\partial_{A_y}^2 s$	$-9.94 \times 10^5$