The current chinook configuration constists of 39 nodes split between 7 compute partitions and 1 gpu partition and a false partition used for maintenance and downtime that contains all nodes.

debug	*Intel*
$N(x,y) = (\cos(x) + x\cos(y) - 3y)$	$\frac{\delta N}{\delta y} = \cos(y) - \sin(x)$

Now we solve:

$$f(x,y) = \int (\sin(y) - y\sin(x))dx = x\sin(y) + y\cos(x) + g(y) \quad (1)$$

$$\frac{\delta f}{\delta y} = x\cos(y) + \cos(x) + g'(y) = \cos(x) + x\cos(y) - 3y \rightarrow g'(y) = -3y \quad (2)$$

$$\int g'(y)dy = \int -3ydy \quad (3)$$

$$g(y) = -\frac{3}{2}y^2 \quad (4)$$