

x_0	y_0				
x_1	y_1	∇y_1			
x_2	y_2	∇y_2	$\nabla^2 y_2$		
\vdots				\ddots	
x_n	y_n	∇y_n	$\nabla^2 y_n$	\cdots	$\nabla^n y_n$