

$\text{DP}_{x \rightarrow \alpha, y \rightarrow \beta} [P_] [f_] := (* \text{ means } P[\partial_\alpha, \partial_\beta] [f] *)$

$\text{Total} [\text{CoefficientRules} [P, \{x, y\}] /.$

$(\{m_, n_\} \rightarrow c_) \Rightarrow c D[f, \{\alpha, m\}, \{\beta, n\}] ]$