$\begin{array}{c} {\rm Quiz} \ 16 - {\rm MA16020} - {\rm March} \ 28, \ 2018 \\ {\rm Alden \ Bradford} \end{array}$

1. Find the (x, y) coördinates of the maximum value of e^{xy} subject to the constraint $x^3 + 8y^3 = 16$ using the method of Lagrange multipliers.