## Mech4450 Aerospace Propulsion Major Assignment - Part 1

 $\begin{array}{c} {\rm Muirhead,\ Alex\ \dots s4435062} \\ {\rm Watt,\ Robert\ \dots} \end{array}$ 

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The rate of formation for each species can be given by the general formula:

$$\frac{\mathrm{d}}{\mathrm{d}x}(X_i)\tag{1}$$