



In conclusion, we wish to emphasize that the stoichiometric description of a chemical system can be obtained solely from a list of the species and elements involved. It does not require initially a set of chemical equations, no matter how generated. However, if a set of chemical equations is used initially, the set can similarly be tested to determine the maximum number of independent equations [3a]. We do not recommend this approach for a stoichiometric point of view, but rather recommend the approach, as described here, that begins with the list of species and generates a permissible set of equations. □

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ROBERT PERRY DIES

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