

# ỨNG DỤNG PHƯƠNG PHÁP MÔ HÌNH ĐỒNG DẠNG VÀ PHÂN TÍCH THỨ NGUYÊN TRONG VIỆC XÁC ĐỊNH THÔNG SỐ ĐẦU VÀO THỰC NGHIỆM TRÊN MÔ HÌNH MÁY TRỘN THỨC ĂN CHĂN NUÔI DẠNG TRỤC NGANG

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## TÓM TẮT:

Basically, when more input parameters are experimentally defined, a better accuracy of the output values could get and results closely approach those in reality; however, cost and executing difficulties increase. By applying similarity criterions in the method of similarity model and dimensional analyses, numbers of variables influenced to the experimental model are reduced, thus burden of research works is decreased as well. In addition, constant criterion values positively correlate to different groups of basic variables, thus following approaches are applied to general cases rather than single specific problems, and then further conclusions merely are conformable to groups of homogeneous instances. This paper represents application of the similarity model and dimensional analyses to determine experimental input parameters executed for Animal Feed mixer horizontal axis model.