

**IMPLEMENTACIÓN DE TÉCNICAS DE RECONOCIMIENTO DE PATRONES
(LEAST SQUARE SUPPORT VECTOR MACHINES) EN PROCESOS DE
SELECCIÓN DE PARÁMETROS CARACTERÍSTICOS APLICADOS A SISTEMAS
METABOLOMICOS**



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RESUMEN

En los últimos años, los datos metabolómicos provenientes de diferentes técnicas analíticas, como el caso del espectrómetro de resonancia magnética nuclear (HNMR), han tenido un nuevo campo de investigación permitiendo determinar metabolitos característicos en un determinado espectro.

Con lo expuesto anteriormente; el presente capítulo plantea los motivos y objetivos, los cuales pretenden resaltar y proyectar, las variables relevantes en una serie de datos metabolómicos, específicamente en los aceites de oliva y avellana.

ABSTRACT

In recent years, metabolomic data from different analytical techniques, such as the case of the nuclear magnetic resonance spectrometer (HNMR), have had a new field of research allowing the determination of characteristic metabolites in a certain spectrum.

With the previously exposed; This chapter presents the reasons and objectives, which are intended to highlight and project the relevant variables in a series of metabolomic data, specifically in olive and hazelnut oils.

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